SCIENZA

DEL

PILOTAGGIO

APPLICATA ALLA PRATICA

DA

Arcangelo Scotto Lachianca

PROFESSORE DI NAVIGAZIONE NEL SECONDO COLLEGIO
DELLA REAL MARINA

TAVOLE ASTRONOMICHE

VOLUME II.

NAPOLI
TIPOGRAFIA CARO BATELLI E COMP.°
Largo S. Gio. Maggiore n. 30.
1842

INDICE

DELLE TAVOLE ASTRONOMICHE

TAVOLA I.

LATITUDINI CRESCENTI.

M	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°
0	0.0	60.0	120.0	180.1	240.2	300.4	360.7	421.1	481.6	542.2
1	1.0	61.0	121.0	181.1	241.2	301.4	361.7	422.1	482.6	543.3
2	2.0	62.0	122.0	182.1	242.2	302.4	362.7	423.1	483.6	544.3
3	3.0	63.0	123.0	183.1	243.2	303.4	363.7	424.1	484.6	545.3
4	4.0	64.0	124.0	184.1	244.2	304.4	364.7	425.1	485.6	546.3
5	5.0	65.0	125.0	185.1	245.2	305.4	365.7	426.1	486.6	547.3
6	6.0	66.0	126.0	186.1	246.2	306.4	366.7	427.1	487.6	548.3
7	7.0	67.0	127.0	187.1	247.2	307.4	367.7	428.1	488.6	549.3
8	8.0	68.0	128.0	188.1	248.2	308.4	368.7	429.1	489.7	550.3
9	9.0	69.0	129.0	189.1	249.2	309.4	369.7	430.1	490.7	551.4
10	10.0	70.0	130.0	190.1	250.2	310.4	370.7	431.1	491.7	552.4
11	11.0	71.0	131.0	191.1	251.2	311.4	371.7	432.1	492.7	553.4
12	12.0	72.0	132.0	192.1	252.2	312.4	372.7	433.1	493.7	554.4
13	13.0	73.0	133.0	193.1	253.2	313.4	373.7	434.2	494.7	555.4
14	14.0	74.0	134.0	194.1	254.2	314.4	374.7	435.2	495.7	556.4
15	15.0	75.0	135.0	195.1	255.2	315.4	375.8	436.2	496.7	557.4
16	16.0	76.0	136.0	196.1	256.2	316.5	376.8	437.2	497.7	558.4
17	17.0	77.0	137.0	197.1	257.2	317.5	377.8	438.2	498.7	559.5
18	18.0	78.0	138.0	198.1	258.2	318.5	378.8	439.2	499.8	560.5
19	19.0	79.0	139.0	199.1	259.3	319.5	379.8	440.2	500.8	561.5
20	20.0	80.0	140.0	200.1	260.3	320.5	380.8	441.2	501.8	562.5
21	21.0	81.0	141.0	201.1	261.3	321.5	381.8	442.2	502.8	563.5
22	22.0	82.0	142.0	202.1	262.3	322.5	382.8	443.2	503.8	564.5
23	23.0	83.0	143.0	203.1	263.3	323.5	383.8	444.2	504.8	565.5
24	24.0	84.0	144.0	204.1	264.3	324.5	384.8	445.2	505.8	566.6
25	25.0	85.0	145.0	205.1	265.3	325.5	385.8	446.3	506.8	567.6
26	26.0	86.0	146.0	206.1	266.3	326.5	386.8	447.3	507.8	568.6
27	27.0	87.0	147.0	207.1	267.3	327.5	387.8	448.3	508.9	569.6
28	28.0	88.0	148.1	208.1	268.3	328.5	388.8	449.3	509.9	570.6
29	29.0	89.0	149.1	209.1	269.3	329.5	389.8	450.3	510.9	571.6
30	30.0	90.0	150.1	210.1	270.3	330.5	390.8	451.3	511.9	572.6
31	31.0	91.0	151.1	211.1	271.3	331.5	391.9	452.3	512.9	573.6
32	32.0	92.0	152.1	212.1	272.3	332.5	392.9	453.3	513.9	574.7
33	33.0	93.0	153.1	213.1	273.3	333.5	393.9	454.3	514.9	575.7
34	34.0	94.0	154.1	214.1	274.3	334.5	394.9	455.3	515.9	576.7
35	35.0	95.0	155.1	215.1	275.3	335.5	395.9	456.3	516.9	577.7
36	36.0	96.0	156.1	216.1	276.3	336.5	396.9	457.3	518.0	578.7
37	37.0	97.0	157.1	217.1	277.3	337.5	397.9	458.4	519.0	579.7
38	38.0	98.0	158.1	218.2	278.3	338.6	398.9	459.4	520.0	580.7
39	39.0	99.0	159.1	219.2	279.3	339.6	399.9	460.4	521.0	581.8
40	40.0	100.0	160.1	220.2	280.3	340.6	400.9	461.4	522.0	582.8
41	41.0	101.0	161.1	221.2	281.3	341.6	401.9	462.4	523.0	583.8
42	42.0	102.0	162.1	222.2	282.3	342.6	402.9	463.4	524.0	584.8
43	43.0	103.0	163.1	223.2	283.3	343.6	403.9	464.4	525.0	585.8
44	44.0	104.0	164.1	224.2	284.3	344.6	404.9	465.4	526.0	586.8
45	45.0	105.0	165.1	225.2	285.3	345.6	405.9	466.4	527.1	587.8
46	46.0	106.0	166.1	226.2	286.3	346.6	407.0	467.4	528.1	588.9
47	47.0	107.0	167.1	227.2	287.3	347.6	408.0	468.4	529.1	589.9
48	48.0	108.0	168.1	228.2	288.3	348.6	409.0	469.5	530.1	590.9
49	49.0	109.0	169.1	229.2	289.3	349.6	410.0	470.5	531.1	591.9
50	50.0	110.0	170.1	230.2	290.3	350.6	411.0	471.5	532.1	592.9
51	51.0	111.0	171.1	231.2	291.4	351.6	412.0	472.5	533.1	593.9
52	52.0	112.0	172.1	232.2	292.4	352.6	413.0	473.5	534.1	595.0
53	53.0	113.0	173.1	233.2	293.4	353.6	414.0	474.5	535.2	596.0
54	54.0	114.0	174.1	234.2	294.4	354.6	415.0	475.5	536.2	597.0
55	55.0	115.0	175.1	235.2	295.4	355.6	416.0	476.5	537.2	598.0
56	56.0	116.0	176.1	236.2	296.4	356.6	417.0	477.5	538.2	599.0
57	57.0	117.0	177.1	237.2	297.4	357.6	418.0	478.5	539.2	600.0
58	58.0	118.0	178.1	238.2	298.4	358.7	419.0	479.6	540.2	601.0
59	59.0	119.0	179.1	239.2	299.4	359.7	420.0	480.6	541.2	602.1

TAVOLA I.

LATITUDINI CRESCENTI.

M	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
0	603.1	664.1	725.3	786.8	848.5	910.5	972.7	1035.3	1098.2	1161.5
1	604.1	665.1	726.3	787.8	849.5	911.5	973.8	1036.4	1099.3	1162.5
2	605.1	666.1	727.4	788.8	850.6	912.5	974.8	1037.4	1100.3	1163.6
3	606.1	667.2	728.4	789.9	851.6	913.6	975.9	1038.4	1101.4	1164.7
4	607.1	668.2	729.4	790.9	852.6	914.6	976.9	1039.5	1102.4	1165.7
5	608.2	669.2	730.4	791.9	853.6	915.6	977.9	1040.5	1103.5	1166.8
6	609.2	670.2	731.5	792.9	854.7	916.7	979.0	1041.6	1104.5	1167.8
7	610.2	671.2	732.5	794.0	855.7	917.7	980.0	1042.6	1105.6	1168.9
8	611.2	672.2	733.5	795.0	856.7	918.8	981.1	1043.7	1106.6	1170.0
9	612.2	673.3	734.5	796.0	857.8	919.8	982.1	1044.7	1107.7	1171.0
10	613.2	674.3	735.6	797.0	858.8	920.8	983.1	1045.8	1108.7	1172.1
11	614.2	675.3	736.6	798.1	859.8	921.9	984.2	1046.8	1109.8	1173.1
12	615.3	676.3	737.6	799.1	860.9	922.9	985.2	1047.9	1110.8	1174.2
13	616.3	677.3	738.6	800.1	861.9	923.9	886.3	1048.9	1111.9	1175.2
14	617.3	678.4	739.6	801.2	862.9	925.0	987.3	1050.0	1113.0	1176.3
15	618.3	679.4	740.7	802.2	864.0	926.0	988.3	1051.0	1114.0	1177.4
16	619.3	680.4	741.7	803.2	865.0	927.0	989.4	1052.1	1115.1	1178.4
17	620.3	681.4	742.7	804.2	866.0	928.1	990.4	1053.1	1116.1	1179.5
18	621.4	682.4	743.7	805.3	867.1	929.1	991.5	1054.1	1117.2	1180.5
19	622.4	683.5	744.8	806.3	868.1	930.2	992.5	1055.2	1118.2	1181.6
20	623.4	684.5	745.8	807.3	869.1	931.2	993.6	1056.2	1119.3	1182.7
21	624.4	685.5	746.8	808.4	870.1	932.2	994.6	1057.3	1120.3	1183.7
22	625.4	686.5	747.8	809.4	871.2	933.3	995.6	1058.3	1121.4	1184.8
23	626.4	687.5	748.9	810.4	872.2	934.3	996.7	1059.4	1122.4	1185.8
24	627.5	688.6	749.9	811.4	873.2	935.3	997.7	1060.4	1123.5	1186.9
25	628.5	689.6	750.9	812.5	874.3	936.4	998.8	1061.5	1124.5	1188.0
26	629.5	690.6	751.9	813.5	875.3	937.4	999.8	1062.5	1125.6	1189.0
27	630.5	691.6	753.0	814.5	876.3	938.4	1000.9	1063.6	1126.6	1190.1
28	631.5	692.6	754.0	815.5	877.4	939.5	1001.9	1064.6	1127.7	1191.1
29	632.5	693.7	755.0	816.6	878.4	940.5	1002.9	1065.7	1128.8	1192.2
30	633.6	694.7	756.0	817.6	879.4	941.6	1004.0	1066.7	1129.8	1193.3
31	634.6	695.7	757.1	818.6	880.5	942.6	1005.0	1067.8	1130.9	1194.3
32	635.6	696.7	758.1	819.7	881.5	943.6	1006.1	1068.8	1131.9	1195.4
33	636.6	697.7	759.1	820.7	882.5	944.7	1007.1	1069.9	1133.0	1196.5
34	637.6	698.8	760.1	821.7	883.6	945.7	1008.2	1070.9	1134.0	1197.5
35	638.6	699.8	761.1	822.7	884.6	946.7	1009.2	1072.0	1135.1	1198.6
36	639.7	700.8	762.2	823.8	885.6	947.8	1010.2	1073.0	1136.1	1199.6
37	640.7	701.8	763.2	824.8	886.7	948.8	1011.3	1074.1	1137.2	1200.7
38	641.7	702.9	764.2	825.8	887.7	949.9	1012.3	1075.1	1138.3	1201.8
39	642.7	703.9	765.2	826.9	888.7	950.9	1013.4	1076.2	1139.3	1202.8
40	643.7	704.9	766.3	827.9	889.8	951.9	1014.4	1077.2	1140.4	1203.9
41	644.8	705.9	767.3	828.9	890.8	953.0	1015.5	1078.3	1141.4	1204.9
42	645.8	706.9	768.3	830.0	891.8	954.0	1016.5	1079.3	1142.5	1206.0
43	646.8	708.0	769.3	831.0	892.9	955.1	1017.5	1080.4	1143.5	1207.1
44	647.8	709.0	770.4	832.0	893.9	956.1	1018.6	1081.4	1144.6	1208.1
45	648.8	710.0	771.4	833.0	894.9	957.1	1019.6	1082.5	1145.6	1209.2
46	649.8	711.0	772.4	834.1	896.0	958.2	1020.7	1083.5	1146.7	1210.3
47	650.9	712.0	773.4	835.1	897.0	959.3	1021.7	1084.6	1147.8	1211.3
48	651.9	713.1	774.5	836.1	898.0	960.3	1022.8	1085.6	1148.8	1212.4
49	652.9	714.1	775.5	837.2	899.1	961.3	1023.8	1086.7	1149.9	1213.4
50	653.9	715.1	776.5	838.2	900.1	962.3	1024.9	1087.7	1150.9	1214.5
51	654.9	716.1	777.5	839.2	901.2	963.4	1025.9	1088.8	1152.0	1215.6
52	655.9	717.2	778.6	840.2	902.2	964.4	1026.9	1089.8	1153.0	1216.6
53	657.0	718.2	779.6	841.3	903.2	965.5	1028.0	1090.9	1154.1	1217.7
54	658.0	719.2	780.6	842.3	904.3	966.5	1029.0	1091.9	1155.1	1218.8
55	659.0	720.2	781.7	843.3	905.3	967.5	1030.1	1093.0	1156.2	1219.8
56	669.0	721.2	782.7	844.4	906.3	968.6	1031.1	1094.0	1157.3	1220.9
57	661.0	722.3	783.7	845.4	907.4	969.6	1032.2	1095.1	1158.3	1222.0
58	662.1	723.3	784.7	846.4	908.4	970.7	1033.2	1096.1	1159.4	1223.0
59	663.1	724.3	785.8	847.5	909.4	971.7	1034.3	1097.2	1160.4	1224.1

TAVOLA I.

LATITUDINI CRESCENTI.

M.	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°
0	1225.1	1289.2	1353.7	1418.6	1484.1	1550.0	1616.5	1683.5	1751.2	1819.4
1	1226.2	1290.3	1354.8	1419.7	1485.2	1551.1	1617.6	1684.6	1752.3	1820.6
2	1227.3	1291.3	1355.8	1420.8	1486.3	1552.2	1618.7	1685.8	1753.4	1821.7
3	1228.3	1292.4	1356.9	1421.9	1487.3	1553.3	1619.8	1686.9	1754.6	1822.9
4	1229.4	1293.5	1358.0	1423.0	1488.4	1554.4	1620.9	1688.0	1755.7	1824.0
5	1230.5	1294.6	1359.1	1424.1	1489.5	1555.5	1622.0	1689.1	1756.8	1825.2
6	1231.5	1295.6	1360.2	1425.2	1490.6	1556.6	1623.2	1690.3	1758.0	1826.3
7	1232.6	1296.7	1361.2	1426.2	1491.7	1557.7	1624.3	1691.4	1759.1	1827.4
8	1233.7	1297.8	1362.3	1427.3	1492.8	1558.8	1625.4	1692.5	1760.2	1828.6
9	1234.7	1298.8	1363.4	1428.4	1493.9	1559.9	1626.5	1693.6	1761.4	1829.7
10	1235.8	1299.9	1364.5	1429.5	1495.0	1561.0	1627.6	1694.8	1762.5	1830.9
11	1236.9	1301.0	1365.6	1430.6	1496.1	1562.1	1628.7	1695.9	1763.6	1832.0
12	1237.9	1302.1	1366.6	1431.7	1497.2	1563.3	1629.8	1697.0	1764.8	1833.2
13	1239.0	1303.1	1367.7	1432.8	1498.3	1564.4	1631.0	1698.1	1765.9	1834.3
14	1240.1	1304.2	1368.8	1433.9	1499.4	1565.5	1632.1	1699.3	1767.0	1835.5
15	1241.1	1305.3	1369.9	1434.9	1500.5	1566.6	1633.2	1700.4	1768.2	1836.6
16	1242.2	1306.4	1371.0	1436.0	1501.6	1567.7	1634.3	1701.5	1769.3	1837.8
17	1243.3	1307.4	1372.0	1437.1	1502.7	1568.8	1635.4	1702.6	1770.4	1838.9
18	1244.3	1308.5	1373.1	1438.2	1503.8	1569.9	1636.5	1703.8	1771.6	1840.1
19	1245.4	1309.5	1374.2	1439.3	1504.9	1571.0	1637.6	1704.9	1772.7	1841.2
20	1246.4	1310.6	1375.3	1440.4	1506.0	1572.1	1638.8	1706.0	1773.9	1842.3
21	1247.5	1311.7	1376.4	1441.5	1507.1	1573.2	1639.9	1707.1	1775.0	1843.5
22	1248.6	1312.8	1377.4	1442.6	1508.2	1574.3	1641.0	1708.3	1776.1	1844.6
23	1249.6	1313.9	1378.5	1443.7	1509.3	1575.4	1642.1	1709.4	1777.3	1845.8
24	1250.7	1314.9	1379.6	1444.7	1510.4	1576.5	1643.2	1710.5	1778.4	1846.9
25	1251.8	1316.0	1380.7	1445.8	1511.5	1577.6	1644.3	1711.6	1779.5	1848.1
26	1252.9	1317.1	1381.8	1446.9	1512.6	1578.7	1645.5	1712.8	1780.7	1849.2
27	1253.9	1318.2	1382.9	1448.0	1513.7	1579.8	1646.6	1713.9	1781.8	1850.4
28	1255.0	1319.2	1383.9	1449.1	1514.8	1581.0	1647.7	1715.0	1782.9	1851.5
29	1256.1	1320.3	1385.0	1450.2	1515.9	1582.1	1648.8	1716.1	1784.1	1852.7
30	1257.1	1321.4	1386.1	1451.3	1517.0	1583.2	1649.9	1717.3	1785.2	1853.8
31	1258.2	1322.5	1387.2	1452.4	1518.1	1584.3	1651.0	1718.4	1786.4	1855.0
32	1259.3	1323.5	1388.3	1453.5	1519.2	1585.4	1652.2	1719.5	1787.5	1856.1
33	1260.3	1324.6	1389.4	1454.6	1520.3	1586.5	1653.3	1720.7	1788.6	1857.3
34	1261.4	1325.7	1390.4	1455.6	1521.4	1587.6	1654.4	1721.8	1789.8	1858.4
35	1262.5	1326.8	1391.5	1456.7	1522.5	1588.7	1655.5	1722.9	1790.9	1859.6
36	1263.5	1327.8	1392.6	1457.8	1523.6	1589.8	1656.6	1724.0	1792.1	1860.7
37	1264.6	1328.9	1393.7	1458.9	1524.7	1590.9	1657.8	1725.2	1793.2	1861.9
38	1265.7	1330.0	1394.8	1460.0	1525.8	1592.0	1658.9	1726.3	1794.3	1863.0
39	1266.7	1331.1	1395.8	1461.1	1526.9	1593.1	1660.0	1727.4	1795.5	1864.2
40	1267.8	1332.1	1396.9	1462.2	1528.0	1594.3	1661.1	1728.5	1796.6	1865.3
41	1268.9	1333.2	1398.0	1463.3	1529.1	1595.4	1662.2	1729.7	1797.8	1866.5
42	1269.9	1334.3	1399.1	1464.4	1530.2	1596.5	1663.3	1730.8	1798.9	1867.6
43	1271.0	1335.4	1400.2	1465.5	1531.3	1597.6	1664.5	1731.9	1800.0	1868.8
44	1272.1	1336.4	1401.3	1466.6	1532.4	1598.7	1665.6	1733.1	1801.2	1869.9
45	1273.1	1337.5	1402.4	1467.7	1533.5	1599.8	1666.7	1734.2	1802.3	1871.1
46	1274.2	1338.6	1403.4	1468.8	1534.6	1600.9	1667.8	1735.3	1803.5	1872.2
47	1275.3	1339.7	1404.5	1469.8	1535.7	1602.0	1668.9	1736.5	1804.6	1873.4
48	1276.4	1340.8	1405.6	1470.9	1536.8	1603.1	1670.1	1737.6	1805.7	1874.5
49	1277.4	1341.8	1406.7	1472.0	1537.9	1604.2	1671.2	1738.7	1806.9	1875.7
50	1278.5	1342.9	1407.8	1473.1	1539.0	1605.4	1672.3	1739.8	1808.0	1876.8
51	1279.6	1344.0	1408.9	1474.2	1540.1	1606.5	1673.4	1741.0	1809.2	1878.0
52	1280.6	1345.1	1409.9	1475.3	1541.2	1607.6	1674.5	1742.1	1810.3	1879.1
53	1281.7	1346.1	1411.0	1476.4	1542.3	1608.7	1675.7	1743.2	1811.4	1880.3
54	1282.8	1347.2	1412.1	1477.5	1543.4	1609.8	1676.8	1744.4	1812.6	1881.5
55	1283.8	1348.3	1413.2	1478.6	1544.5	1610.9	1677.9	1745.5	1813.7	1882.6
56	1284.9	1349.4	1414.3	1479.7	1545.6	1612.0	1679.0	1746.6	1814.9	1883.8
57	1286.0	1350.5	1415.4	1480.8	1546.7	1613.1	1680.2	1747.8	1816.0	1884.9
58	1287.1	1351.5	1416.5	1481.9	1547.8	1614.3	1681.3	1748.9	1817.2	1886.1
59	1288.1	1352.6	1417.5	1483.0	1548.9	1615.4	1682.4	1750.0	1818.3	1887.2

TAVOLA I.

LATITUDINI CRESCENTI.

M	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°
0	1888.4	1958.0	2028.4	2099.5	2171.5	2244.3	2318.0	2392.6	2468.3	2544.9
1	1889.5	1959.2	2029.6	2100.7	2172.7	2245.5	2319.2	2393.9	2469.5	2546.2
2	1890.7	1960.4	2030.7	2101.9	2173.9	2246.7	2320.5	2395.1	2470.8	2547.5
3	1891.8	1961.5	2031.9	2103.1	2175.1	2248.0	2321.7	2396.4	2472.1	2548.8
4	1893.0	1962.7	2033.1	2104.3	2176.3	2249.2	2322.9	2397.6	2473.3	2550.1
5	1894.2	1963.9	2034.3	2105.5	2177.5	2250.4	2324.2	2398.9	2474.6	2551.4
6	1895.3	1965.0	2035.5	2106.7	2178.7	2251.6	2325.4	2400.2	2475.9	2552.7
7	1896.5	1966.2	2036.6	2107.9	2179.9	2252.8	2326.7	2401.4	2477.2	2554.0
8	1897.6	1967.4	2037.8	2109.1	2181.1	2254.1	2327.9	2402.7	2478.4	2555.2
9	1898.8	1968.5	2039.0	2110.3	2182.4	2255.3	2329.1	2403.9	2479.7	2556.5
10	1899.9	1969.7	2040.2	2111.5	2183.6	2256.5	2330.4	2405.2	2481.0	2557.8
11	1901.1	1970.9	2041.4	2112.7	2184.8	2257.7	2331.6	2406.4	2482.2	2559.1
12	1902.3	1972.0	2042.6	2113.9	2186.0	2259.0	2332.8	2407.7	2483.5	2560.4
13	1903.4	1973.2	2043.7	2115.1	2187.2	2260.2	2334.1	2408.9	2484.8	2561.7
14	1904.6	1974.4	2044.9	2116.2	2188.4	2261.4	2335.3	2410.2	2486.1	2563.0
15	1905.7	1975.5	2046.1	2117.4	2189.6	2262.6	2336.6	2411.4	2487.3	2564.3
16	1906.9	1976.7	2047.3	2118.6	2190.8	2263.9	2337.8	2412.7	2488.6	2565.6
17	1908.0	1977.9	2048.5	2119.8	2192.0	2265.1	2339.0	2414.0	2489.9	2566.9
18	1909.2	1979.1	2049.6	2121.0	2193.2	2266.3	2340.3	2415.2	2491.2	2568.1
19	1910.4	1980.2	2050.8	2122.2	2194.4	2267.5	2341.5	2416.5	2492.4	2569.4
20	1911.5	1981.4	2052.0	2123.4	2195.7	2268.8	2342.8	2417.7	2493.7	2570.7
21	1912.7	1982.6	2053.2	2124.6	2196.9	2270.0	2344.0	2419.0	2495.0	2572.0
22	1913.8	1983.7	2054.4	2125.8	2198.1	2271.2	2345.3	2420.2	2496.3	2573.3
23	1915.0	1984.9	2055.6	2127.0	2199.3	2272.4	2346.5	2421.5	2497.5	2574.6
24	1916.1	1986.1	2056.8	2128.2	2200.5	2273.7	2347.7	2422.8	2498.8	2575.9
25	1917.3	1987.2	2057.9	2129.4	2201.7	2274.9	2349.0	2424.0	2500.1	2577.2
26	1918.4	1988.4	2059.1	2130.6	2202.9	2276.1	2350.2	2425.3	2501.4	2578.5
27	1919.6	1989.6	2060.3	2131.8	2204.1	2277.3	2351.5	2426.5	2502.6	2579.8
28	1920.8	1990.8	2061.5	2133.0	2205.4	2278.6	2352.7	2427.8	2503.9	2581.1
29	1921.9	1991.9	2062.7	2134.2	2206.6	2279.8	2354.0	2429.1	2505.2	2582.4
30	1923.1	1993.1	2063.9	2135.4	2207.8	2281.0	2355.2	2430.3	2506.5	2583.7
31	1924.3	1994.3	2065.0	2136.6	2209.0	2282.3	2356.4	2431.6	2507.7	2585.0
32	1925.4	1995.5	2066.2	2137.8	2210.2	2283.5	2357.7	2432.8	2509.0	2586.3
33	1926.6	1996.6	2067.4	2139.0	2211.4	2284.7	2358.9	2434.1	2510.3	2587.6
34	1927.8	1997.8	2068.6	2140.2	2212.6	2285.9	2360.2	2435.4	2511.6	2588.9
35	1928.9	1999.0	2069.8	2141.4	2213.8	2287.2	2361.4	2436.6	2512.9	2590.2
36	1930.1	2000.1	2071.0	2142.6	2215.1	2288.4	2362.7	2437.9	2514.1	2591.5
37	1931.2	2001.3	2072.2	2143.8	2216.3	2289.6	2363.9	2439.2	2515.4	2592.8
38	1932.4	2002.5	2073.4	2145.0	2217.5	2290.9	2365.2	2440.4	2516.7	2594.1
39	1933.6	2003.7	2074.5	2146.2	2218.7	2292.1	2366.4	2441.7	2518.0	2595.4
40	1934.7	2004.8	2075.7	2147.4	2219.9	2293.3	2367.6	2442.9	2519.3	2596.7
41	1935.9	2006.0	2076.9	2148.6	2221.1	2294.6	2368.9	2444.2	2520.5	2598.0
42	1937.1	2007.2	2078.1	2149.8	2222.4	2295.8	2370.1	2445.5	2521.8	2599.2
43	1938.2	2008.4	2079.3	2151.0	2223.6	2297.0	2371.4	2446.7	2523.1	2600.5
44	1939.4	2009.5	2080.5	2152.2	2224.8	2298.2	2372.6	2448.0	2524.4	2601.8
45	1940.5	2010.7	2081.7	2153.4	2226.0	2299.5	2373.9	2449.3	2525.7	2603.1
46	1941.7	2011.9	2082.9	2154.6	2227.2	2300.7	2375.1	2450.5	2527.1	2604.5
47	1942.9	2013.1	2084.0	2155.8	2228.4	2301.9	2376.4	2451.8	2528.2	2605.8
48	1944.0	2014.3	2085.2	2157.0	2229.7	2303.2	2377.6	2453.1	2529.5	2607.1
49	1945.2	2015.4	2086.4	2158.2	2230.9	2304.4	2378.9	2454.3	2530.8	2608.4
50	1946.4	2016.6	2087.6	2159.4	2232.1	2305.6	2380.1	2455.6	2532.1	2609.7
51	1947.5	2017.8	2088.8	2160.6	2233.3	2306.9	2381.4	2456.9	2533.4	2611.0
52	1948.7	2019.0	2090.0	2161.8	2234.5	2308.1	2382.6	2458.1	2534.7	2612.3
53	1949.9	2020.1	2091.2	2163.0	2235.8	2309.3	2383.9	2459.4	2535.9	2613.6
54	1951.0	2021.3	2092.4	2164.3	2237.0	2310.6	2385.1	2460.7	2537.2	2614.9
55	1952.2	2022.5	2093.6	2165.5	2238.2	2311.8	2386.4	2461.9	2538.5	2616.2
56	1953.4	2023.7	2094.8	2166.7	2239.4	2313.1	2387.6	2463.2	2539.8	2617.5
57	1954.5	2024.9	2096.0	2167.9	2240.6	2314.3	2388.9	2464.5	2541.1	2618.8
58	1955.7	2026.0	2097.1	2169.1	2241.9	2315.5	2390.1	2465.7	2542.4	2620.1
59	1956.9	2027.2	2098.3	2170.3	2243.1	2316.8	2391.4	2467.0	2543.6	2621.4

TAVOLA I.

LATITUDINI CRESCENTI.

M	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°
0	2622.7	2701.6	2781.7	2863.1	2945.8	3029.9	3115.6	3202.7	3291.5	3382.1
1	2624.0	2702.9	2783.1	2864.5	2947.2	3031.4	3117.0	3204.2	3293.0	3383.6
2	2625.3	2704.3	2784.4	2865.8	2948.6	3032.8	3118.4	3205.7	3294.5	3385.1
3	2626.6	2705.6	2785.8	2867.2	2950.0	3034.2	3119.9	3207.1	3296.0	3386.7
4	2627.9	2706.9	2787.1	2868.6	2951.4	3035.6	3121.3	3208.6	3297.5	3388.2
5	2629.2	2708.2	2788.4	2869.9	2952.8	3037.0	3122.8	3210 1	3299.0	3389.7
6	2630.5	2709.6	2789.8	2871.3	2954.2	3038.4	3124.2	3211.5	3300.5	3391.2
7	2631.8	2710.9	2791.1	2872.7	2955.6	3039.9	3125.6	3213.0	3302.0	3392.8
8	2633.1	2712.2	2792.5	2874.1	2957.0	3041.3	3127.1	3214.5	3303.5	3394.3
9	2634.5	2713.5	2793.8	2875.4	2958.3	3042.7	3128.5	3215.9	3305.0	3395.8
10	2635.8	2714 9	2795.2	2876.8	2959.7	3044.1	3130.0	3217.4	3306.5	3397.4
11	2637.1	2716 2	2796.5	2878.2	2961.1	3045.5	3131.4	3218.9	3308.0	3398.9
12	2638.4	2717.5	2797.9	2879.5	2962.5	3046.9	3132.9	3220.3	3309.5	3400.4
13	2639.7	2718.9	2799.2	2880.9	2963.9	3048.4	3134.3	3221.8	3311.0	3401.9
14	2641.0	2720.2	2800.6	2882.3	2965.3	3049.8	3135.8	3223.3	3312.5	3403.5
15	2642.3	2721.5	2801.9	2883.7	2966.7	3051.2	3137.2	3224.8	3314.0	3405.0
16	2643.6	2722.8	2803.3	2885.0	2968.1	3052.6	3138.6	3226.2	3315.5	3406.5
17	2644.9	2724.2	2804.6	2886.4	2969.5	3054.0	3140.1	3227.7	3317.0	3408.1
18	2646.2	2725.5	2806.0	2887.8	2970.9	3055.5	3141.5	3229.2	3318.5	3409.6
19	2647.6	2726.8	2807.3	2889.1	2972.3	3056.9	3143.0	3230.7	3320.0	3411.1
20	2648.9	2728.2	2808.7	2890.5	2973.7	3058.3	3144.4	3232.1	3321.5	3412.7
21	2650.2	2729.5	2810.1	2891.9	2975.1	3059.7	3145.9	3233.6	3323.0	3414.2
22	2651.5	2730.8	2811.4	2893.3	2976.5	3061.2	3147.3	3235.1	3324.5	3415.7
23	2652.8	2732.2	2812.8	2894.6	2977.9	3062.6	3148.8	3236.6	3326.0	3417.3
24	2654.1	2733.5	2814.1	2896.0	2979.3	3064.0	3150.2	3238.0	3327.5	3418.8
25	2655.4	2734.8	2815.5	2897.4	2980.7	3065.4	3151.7	3239.5	3329.0	3420.4
26	2656.7	2736.2	2816.8	2898.8	2982.1	3066.9	3153.1	3241.0	3330.6	3421.9
27	2658.1	2737.5	2818.2	2900.2	2983.5	3068.3	3154.6	3242.5	3332.1	3423.4
28	2659.4	2738.8	2819.5	2901.5	2984.9	3069.7	3156.0	3244.0	3333.6	3425.0
29	2660.7	2740.2	2820.9	2902.9	2986.3	3071.1	3157.5	3245.4	3335.1	3426.5
30	2662.0	2741.5	2822.2	2904.3	2987.7	3072.4	3158.9	3246.9	3336.6	3428.0
31	2663.3	2742.8	2823.6	2905.7	2989.1	3074.0	3160.4	3248.4	3338.1	3429.6
32	2664.6	2744.2	2825.0	2907.0	2990.5	3075.4	3161.8	3249.9	3339.6	3431.1
33	2665.9	2745.5	2826.3	2908.4	2991.9	3076.8	3163.3	3251.4	3341.1	3432.7
34	2667.3	2746.8	2827.7	2909.8	2993.3	3078.3	3164.7	3252.8	3342.6	3434.2
35	2668.6	2748.2	2829.0	2911.2	2994.7	3079.7	3166.2	3254.3	3344.1	3435.8
36	2669.9	2749.5	2830.4	2912.6	2996.1	3081.1	3167.7	3255.8	3345.7	3437.3
37	2671 2	2750.9	2831.7	2913.9	2997.5	3082.6	3169.1	3257.3	3347.2	3438.8
38	2672.5	2752.2	2833.1	2915.3	2998.9	3084.0	3170.6	3258.8	3348.7	3440.4
39	2673.9	2753.5	2834.5	2916.7	3000.3	3085.4	3172.0	3260.3	3350.2	3441.9
40	2675.2	2754.9	2835.8	2918.1	3001.7	3086.8	3173.5	3261.7	3351.7	3443.5
41	2676.5	2756.2	2837.2	2919.5	3003.1	3088.3	3174.9	3263.2	3353.2	3445.0
42	2677.8	2757.6	2838.5	2920.9	3004.6	3089.7	3176.4	3264.7	3354.7	3446.6
43	2679.1	2758.9	2839.9	2922.2	3006.0	3091.1	3177.9	3266.2	3356.2	3448.1
44	2680.4	2760.2	2841.3	2923.6	3007.4	3092.6	3179.3	3267.7	3357.8	3449.7
45	2681.8	2761.6	2842.6	2925.0	3008.8	3094.0	3180.8	3269.2	3359.3	3451.2
46	2683.1	2762.9	2844.0	2926.4	3010.2	3095.4	3182.2	3270.7	3360.8	3452.8
47	2684.4	2764.3	2845.4	2927.8	3011.6	3096.9	3183.7	3272.1	3362.3	3454.3
48	2685.7	2765.6	2846.7	2929.2	3013.0	3098.3	3185.2	3273.6	3363.8	3455.8
49	2687.0	2766.9	2848.1	2930.6	3014.4	3099.7	3186.6	3275.1	3365.4	3457.4
50	2688.4	2768.3	2849.4	2931.9	3015.8	3101.2	3188.1	3276.6	3366.9	3458.9
51	2689.7	2769.6	2850.8	2933.3	3017.2	3102.6	3189.5	3278.1	3368.4	3460.5
52	2691.0	2771.0	2852.2	2934.7	3018.6	3104.0	3191.0	3279.6	3369.9	3462.0
53	2692.3	2772.3	2853.5	2936.1	3020.1	3105.5	3192.5	3281.1	3371.4	3463.6
54	2693.7	2773.6	2854.9	2937.5	3021.5	3106.9	3193.9	3282.6	3373.0	3465.2
55	2695.0	2775.0	2856.3	2938.9	3022.9	3108.4	3195.4	3284.1	3374.5	3466.7
56	2696.3	2776.3	2857.6	2940.3	3024.3	3109.8	3196.9	3285.6	3376.0	3468.3
57	2697.6	2777.7	2859.0	2941.7	3025.7	3111.2	3198.3	3287.1	3377.5	3469.8
58	2699.0	2779.0	2860.4	2943.0	3027.1	3112.7	3199.8	3288.5	3379.0	3471.4
59	2700.3	2780.4	2861.7	2944 4	3028.5	3114.1	3201.3	3290.0	3380.6	3472.9

TAVOLA I.

LATITUDINI CRESCENTI.

M	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°
0	3474.5	3568.8	3665.2	3763.8	3864.6	3968.0	4073.9	4182.6	4294.3	4409.1
1	3476.0	3570.4	3666.8	3765.4	3866.3	3969.7	4075.7	4184.5	4296.2	4411.1
2	3477.6	3572.0	3668.4	3767.1	3868.0	3971.5	4077.5	4186.3	4298.1	4413.0
3	3479.1	3573.6	3670.1	3768.8	3869.7	3973.2	4079.3	4188.1	4300.0	4415.0
4	3480.7	3575.2	3671.7	3770.4	3871.5	3975.0	4081.1	4190.0	4301.9	4416.9
5	3482.3	3576.8	3673.3	3772.1	3873.2	3976.7	4082.9	4191.8	4303.7	4418.9
6	3483.8	3578.4	3675.0	3773.7	3874.9	3978.4	4084.7	4193.7	4305.6	4420.8
7	3485.4	3579.9	3676.6	3775.4	3876.6	3980.2	4086.4	4195.5	4307.5	4422.8
8	3486.9	3581.5	3678.2	3777.1	3878.3	3981.9	4088.3	4197.3	4309.4	4424.7
9	3488.5	3583.1	3679.8	3778 7	3880.0	3983.7	4090.0	4199.2	4311.3	4426.7
10	3490.1	3584.7	3681.5	3780.4	3881.7	3985.4	4091.8	4201.0	4313.2	4428.6
11	3491.6	3586.3	3683.1	3782.1	3883.4	3987.2	4093.6	4202.9	4315.1	4430.6
12	3493.2	3587.9	3684.7	3783.8	3885.1	3988.9	4095.4	4204.7	4317.0	4432.5
13	3494.7	3589.5	3686.4	3785.4	3886.8	3990.7	4097.2	4206.6	4318.9	4434.5
14	3496.3	3591.1	3688.0	3787.1	3888.5	3992.5	4099.0	4208.4	4320.8	4436.4
15	3497.9	3592.7	3689.6	3788.8	3890.2	3994.2	4100.8	4210.3	4322.7	4438.4
16	3499.4	3594.3	3691.3	3790.4	3892.0	3996.0	4102.6	4212.1	4324.6	4440.3
17	3501.0	3595.9	3692.9	3792.1	3893.7	3997.7	4104.4	4214.0	4326.5	4442.3
18	3502.6	3597.5	3694.5	3793.8	3895.4	3999.5	4106.2	4215.8	4328.4	4444.2
19	3504.1	3599.1	3696.2	3795.5	3897.1	4001.2	4108.0	4217.7	4330.3	4446.2
20	3505.7	3600.7	3697.8	3797.1	3898.8	4003.0	4109.8	4219.5	4332.2	4448.2
21	3507.3	3602.3	3699.4	3798.8	3900.5	4004.7	4111.6	4221.4	4334.1	4450.1
22	3508.8	3603.9	3701.1	3800.5	3902.2	4006.5	4113.4	4223.2	4336.0	4452.1
23	3510.4	3605.5	3702.7	3802.2	3904.0	4008.3	4115.2	4225.1	4337.9	4454.1
24	3512.0	3607.1	3704.4	3803.8	3905.7	4010.0	4117.1	4226.9	4339.8	4456.0
25	3513.5	3608.7	3706.0	3805.5	3907.4	4011.8	4118.9	4228.8	4341.8	4458.0
26	3515.1	3610.3	3707.6	3807.2	3909.1	4013.5	4120.7	4230.6	4343.7	4459.9
27	3516.7	3611.9	3709.3	3808.9	3910.8	4015.3	4122.5	4232.5	4345.6	4461.9
28	3518.3	3613.5	3710.9	3810.5	3912.5	4017.1	4124.3	4234.4	4347.5	4463.9
29	3519.8	3615.1	3712.6	3812.2	3914.3	4018.8	4126.1	4236.2	4349.4	4465.9
30	3521.4	3616.7	3714.2	3813.9	3916.0	4020.6	4127.9	4238.1	4351.3	4467.8
31	3523.0	3618.3	3715.8	3815.6	3917.7	4022.4	4129.7	4239.9	4353.2	4469.8
32	3524.5	3620.0	3717.5	3817.3	3919.4	4024.1	4131.5	4241.8	4355.1	4471.8
33	3526.1	3621.6	3719.1	3819.0	3921.2	4025.9	4133.3	4243.7	4357.1	4473.7
34	3527.7	3623.2	3720.8	3820.6	3922.9	4027.7	4135.2	4245.5	4359.0	4475.7
35	3529.3	3624.8	3722.4	3822.3	3924.6	4029.4	4137.0	4247.4	4360.9	4477.7
36	3530.8	3626.4	3724.1	3824.0	3926.3	4031.2	4138.8	4249.3	4362.8	4479.7
37	3532.4	3628.0	3725.7	3825.7	3928.1	4033.0	4140.6	4251.1	4364.7	4481.6
38	3534.0	3629.6	3727.4	3827.4	3929.8	4034.8	4142.4	4253.0	4366.7	4483.6
39	3535.6	3631.2	3729.0	3829.1	3931.5	4036.5	4144.2	4254.9	4368.6	4485.6
40	3537.1	3632.8	3730.7	3830.8	3933.2	4038.3	4146.1	4256.7	4370.5	4487.6
41	3538.7	3634.4	3732.3	3832.4	3935.0	4040.1	4147.9	4258.6	4372.4	4489.6
42	3540.3	3636.1	3734.0	3834.1	3936.7	4041.8	4149.7	4260.5	4374.3	4491.5
43	3541.9	3637.7	3735.6	3835.8	3938.4	4043.6	4151.5	4262.3	4376.3	4493.5
44	3543.5	3639.3	3737.3	3837.5	3940.2	4045.4	4153.4	4264.2	4378.2	4495.5
45	3545.0	3640.9	3738.9	3839.2	3941.9	4047.2	4155.2	4266.1	4380.1	4497.5
46	3546.6	3642.5	3740.6	3840.9	3943.6	4048.9	4157.0	4268.0	4382.1	4499.5
47	3548.2	3644.1	3742.2	3842.6	3945.4	4050.7	4158.8	4269.8	4384.0	4501.5
48	3549.8	3645.8	3743.9	3844.3	3947.1	4052.5	4160.7	4271.7	4385.9	4503.4
49	3551.4	3647.4	3745.5	3846.0	3948.8	4054.3	4162.5	4273.6	4387.8	4505.4
50	3552.9	3649.0	3747.2	3847.7	3950.6	4056.1	4164.3	4275.5	4389.8	4507.4
51	3554.5	3650.6	3748.8	3849.4	3952.3	4057.8	4166.1	4277.4	4391.7	4509.4
52	3556.1	3652.2	3750.5	3851.1	3954.0	4059.6	4168.0	4279.2	4393.6	4511.4
53	3557.7	3653.8	3752.2	3852.8	3955.8	4061.4	4169.8	4281.1	4395.6	4513.4
54	3559.3	3655.5	3753.8	3854.4	3957.5	4063.2	4171.6	4283.0	4397.5	4315.4
55	3560.9	3657.1	3755.5	3856.1	3959.3	4065.0	4173.5	4284.9	4399.4	4517.4
56	3562.5	3658.7	3757.1	3857.8	3961.0	4066.8	4175.3	4286.8	4401.4	4519.4
57	3564.0	3660.3	3758.8	3859.5	3962.7	4068.5	4177.1	4288.6	4403.3	4521.4
58	3565.6	3662.0	3760.4	3861.2	3964.5	4070.3	4179.0	4290.5	4405.3	4523.4
59	3567.2	3668.6	3762.1	3862.9	3966.2	4072.1	4180.8	4292.4	4407.2	4525.4

TAVOLA I.

LATITUDINI CRESCENTI.

M	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°
0	4527.4	4649.2	4775.0	4904.9	5039.4	5178.8	5323.5	5474.0	5630.8	5794.6
1	4529.4	4651.3	4777.1	4907.1	5041.7	5181.2	5326.0	5476.6	5633.5	5797.4
2	4531.4	4653.4	4779.3	4909.4	5044.0	5183.5	5328.4	5479.1	5636.2	5800.1
3	4533.4	4655.4	4781.4	4911.6	5046.3	5185.9	5330.9	5481.7	5638.8	5802.9
4	4535.4	4657.5	4783.5	4913.8	5048.6	5188.3	5333.4	5484.3	5641.5	5805.7
5	4537.4	4659.6	4785.7	4916.0	5050.9	5190.7	5335.8	5486.8	5644.2	5808.5
6	4539.4	4661.6	4787.8	4918.2	5053.1	5193.0	5338.3	5489.4	5646.9	5811.3
7	4541.4	4663.7	4789.9	4920.4	5055.4	5195.4	5340.8	5492.0	5649.6	5814.2
8	4543.4	4665.8	4792.1	4922.6	5057.7	5197.8	5343.2	5494.5	5652.2	5817.0
9	4545.4	4667.8	4794.2	4924.8	5060.0	5200.2	5345.7	5497.1	5654.9	5819.8
10	4547.4	4669.9	4796.3	4927.0	5062.3	5202.6	5348.2	5499.7	5657.6	5822.6
11	4549.4	4672.0	4798.5	4929.2	5064.6	5204.9	5350.7	5502.3	5660.3	5825.4
12	4551.4	4674.1	4800.6	4931.5	5066.9	5207.3	5353.1	5504.9	5663.0	5828.2
13	4553.5	4676.1	4802.8	4933.7	5069.2	5209.7	5355.6	5507.4	5665.7	5831.0
14	4555.5	4678.2	4804.9	4935.9	5071.5	5212.1	5358.1	5510.0	5668.4	5833.8
15	4557.5	4680.3	4807.1	4938.1	5073.8	5214.5	5360.6	5512.6	5671.1	5836.7
16	4559.5	4682.4	4809.2	4940.3	5076.1	5216.9	5363.1	5515.2	5673.8	5839.5
17	4561.5	4684.5	4812.4	4942.6	5078.4	5219.3	5365.6	5517.8	5676.5	5842.3
18	4563.5	4686.5	4814.5	4944.8	5080.7	5221.6	5368.0	5520.4	5679.2	5845.1
19	4565.6	4688.6	4816.7	4947.0	5083.0	5224.0	5370.5	5523.0	5681.9	5848.0
20	4567.6	4690.7	4817.8	4949.2	5085.3	5226.4	5373.0	5525.6	5684.6	5850.8
21	4569.6	4692.8	4820.0	4951.5	5087.6	5228.8	5375.5	5528.1	5687.3	5853.6
22	4571.6	4694.9	4822.1	4953.7	5089.9	5231.2	5378.0	5530.7	5690.0	5856.5
23	4573.6	4697.0	4824.3	4955.9	5092.3	5233.6	5380.5	5533.3	5692.7	5859.3
24	4575.7	4699.1	4826.4	4958.2	5094.6	5236.0	5383.0	5535.9	5695.5	5862.2
25	4577.7	4701.1	4828.6	4960.4	5096.9	5238.4	5385.5	5538.6	5698.2	5865.0
26	4579.7	4703.2	4830.8	4962.6	5099.2	5240.8	5388.0	5541.2	5700.9	5867.8
27	4581.7	4705.3	4832.9	4964.9	5101.5	5243.2	5390.5	5543.8	5703.6	5870.7
28	4583.8	4707.4	4835.1	4967.1	5103.8	5245.7	5393.0	5546.4	5706.3	5873.5
29	4585.8	4709.5	4837.3	4969.4	5106.2	5248.1	5395.5	5549.0	5709.1	5876.4
30	4587.8	4711.6	4839.4	4971.6	5108.5	5250.5	5398.0	5551.6	5711.8	5879.2
31	4589.9	4713.7	4841.6	4973.8	5110.8	5252.9	5400.5	5554.2	5714.5	5882.1
32	4591.9	4715.8	4843.8	4976.1	5113.1	5255.3	5403.0	5556.8	5717.3	5885.0
33	4593.9	4717.9	4845.9	4978.3	5115.5	5257.7	5405.5	5559.4	5720.0	5887.8
34	4596.0	4720.0	4848.1	4980.6	5117.8	5260.1	5408.1	5562.1	5722.7	5890.7
35	4598.0	4722.1	4850.3	4982.8	5120.1	5262.6	5410.6	5564.7	5725.5	5893.6
36	4600.0	4724.2	4852.4	4985.1	5122.4	5265.0	5413.1	5567.3	5728.2	5896.4
37	4602.1	4726.3	4854.6	4987.3	5124.8	5267.4	5415.6	5569.9	5730.9	5899.3
38	4604.1	4728.4	4856.8	4989.6	5127.1	5269.8	5418.1	5572.6	5733.7	5902.2
39	4606.2	4730.5	4859.0	4991.8	5129.4	5272.2	5420.6	5575.2	5736.4	5905.0
40	4608.2	4732.6	4861.1	4994.1	5131.8	5274.7	5423.2	5577.8	5739.2	5907.9
41	4610.2	4734.7	4863.3	4996.3	5134.1	5277.1	5425.7	5580.4	5741.9	5910.8
42	4612.3	4736.8	4865.5	4998.6	5136.5	5279.5	5428.2	5583.1	5744.7	5913.7
43	4614.3	4738.9	4867.7	5000.8	5138.8	5282.0	5430.8	5585.7	5747.4	5916.6
44	4616.4	4741.1	4869.9	5003.1	5141.1	5284.4	5433.8	5588.4	5750.2	5919.4
45	4618.4	4743.2	4872.0	5005.4	5143.5	5286.8	5435.8	5591.0	5752.9	5922.3
46	4620.5	4745.3	4874.2	5007.6	5145.8	5289.3	5438.4	5593.6	5755.7	5925.2
47	4622.5	4747.4	4876.4	5009.9	5148.2	5291.7	5440.9	5596.3	5758.5	5928.1
48	4624.6	4749.5	4878.6	5012.2	5150.5	5294.1	5443.4	5598.9	5761.2	5931.0
49	4626.6	4751.6	4880.8	5014.4	5152.9	5296.6	5446.0	5601.6	5764.0	5933.9
50	4628.7	4753.7	4883.0	5016.7	5155.2	5299.0	5448.5	5604.2	5766.8	5936.8
51	4630.7	4755.9	4885.2	5018.9	5157.6	5301.5	5451.1	5606.9	5769.5	5939.7
52	4632.8	4758.0	4887.4	5021.2	5159.9	5303.9	5453.6	5609.5	5772.3	5942.6
53	4634.8	4760.1	4889.6	5023.5	5162.3	5306.3	5456.1	5612.2	5775.1	5945.5
54	4636.9	4762.2	4891.8	5025.8	5164.6	5308.8	5458.7	5614.8	5777.9	5948.4
55	4638.9	4764.4	4893.9	5028.0	5167.0	5311.2	5461.2	5617.5	5780.6	5951.3
56	4641.0	4766.5	4896.1	5030.3	5169.4	5313.7	5463.8	5620.2	5783.4	5954.2
57	4643.0	4768.6	4898.3	5032.6	5171.7	5316.2	5466.3	5622.8	5786.2	5957.2
58	4645.1	4770.7	4900.5	5034.9	5174.1	5318.6	5468.9	5625.5	5789.0	5960.1
59	4647.2	4772.9	4902.7	5037.1	5176.4	5321.1	5471.5	5628.2	5791.8	5963.0

TAVOLA I.

LATITUDINI CRESCENTI.

M	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
0	5965.9	6145.7	6334.8	6534.4	6745.7	6970.3	7210.1	7467.2	7744.6	8045.7
1	5968.8	6148.8	6338.1	6537.9	6749.4	6974.2	7214.2	7471.7	7749.4	8051.0
2	5971.8	6151.9	6341.3	6541.3	6753.0	6978.1	7218.4	7476.1	7754.2	8056.2
3	3974.7	6154.9	6344.6	6544.7	6756.6	6982.0	7222.5	7480.6	7759.0	8061.5
4	5977.6	6158.0	6347.8	6548.1	6760.3	6985.8	7226.6	7485.0	7763.9	8066.7
5	5980.6	6161.1	6351.1	6551.6	6763.9	6989.7	7230.8	7489.5	7768.7	8072.0
6	5983.6	6164.2	6354.3	6555.0	6767.6	6993.6	7235.0	7494.0	7773.6	8077.3
7	5986.4	6167.3	6357.6	6558.5	6771.2	6997.5	7239.1	7498.5	7778.4	3082.6
8	5989.4	6170.4	6360.8	6561.9	6774.9	7001.4	7243.3	7503.0	7783.3	8087.9
9	5992.3	6173.5	6364.1	6565.3	6778.6	7005.3	7247.5	7507.4	7788.1	8093.2
10	5995.3	6176.6	6367.4	6568.8	6782.2	7009.2	7251.7	7511.9	7793.0	8098.5
11	5998.2	6179.7	6370.6	6572.3	6785.9	7013.1	7255.8	7516.5	7797.9	8103.8
12	6001.2	6182.8	6373.9	6575.7	6789.6	7017.0	7260.0	7521.0	7802.8	8109.2
13	6004.1	6185.9	6377.2	6579.2	6793.2	7020.9	7264.2	7525.5	7807.7	8114.5
14	6007.1	6189.0	6380.4	6582.6	6796.9	7024.9	7268.4	7530.0	7812.6	8119.9
15	6010.0	6192.1	6383.7	6586.1	6800.6	7028.8	7272.6	7534.5	7817.5	8125.2
16	6013.0	6195.2	6387.0	6589.6	6804.3	7032.7	7276.8	7539.1	7822.4	8130.6
17	6016.0	6198.3	6390.3	6593.1	6808.0	7036.6	7281.1	7543.6	7827.3	8136.0
18	6018.9	6201.4	6393.6	6596.5	6811.7	7040.6	7285.3	7548.2	7832.2	8141.3
19	6021.9	6204.5	6396.9	6600.0	6815.4	7044.5	7289.5	7552.7	7837.2	8146.7
20	6024.9	6207.7	6400.2	6603.5	6819.1	7048.5	7293.7	7557.3	7842.1	8152.1
21	6027.8	6210.8	6403.4	6607.0	6822.8	7052.4	7298.0	7561.8	7847.1	8157.5
22	6030.8	6213.9	6406.7	6610.5	6826.5	7056.4	7302.2	7566.4	7852.0	8163.0
23	6033.8	6217.0	6410.1	6614.0	6830.2	7060.3	7306.4	7571.0	7857.0	8168.4
24	6036.8	6220.2	6413.4	6617.5	6833.9	7064.3	7310.7	7575.5	7861.9	8173.8
25	6039.8	6223.3	6416.7	6621.0	6837.6	7068.3	7315.0	7580.1	7866.9	8179.2
26	6042.7	6226.5	6420.0	6624.5	6841.3	7072.2	7319.2	7584.7	7871.9	8184.7
27	6045.7	6229.6	6423.3	6628.0	6845.1	7076.2	7323.5	7589.3	7876.9	8190.2
28	6048.7	6232.7	6426.6	6631.5	6848.8	7080.2	7327.7	7593.9	7881.9	8195.6
29	6051.7	6235.9	6429.9	6635.0	6852.5	7084.2	7332.0	7598.5	7886.9	8201.9
30	6054.7	6239.0	6433.3	6638.5	6856.3	7088.2	7336.3	7603.2	7891.9	8206.6
31	6057.7	6242.2	6436.6	6642.1	6860.0	7092.2	7340.6	7607.8	7896.9	8212.1
32	6060.7	6245.4	6439.9	6645.6	6863.8	7096.2	7344.9	7612.4	7902.0	8217.6
33	6063.7	6248.5	6443.2	6649.1	6867.5	7100.2	7349.2	7617.0	7907.0	8223.1
34	6066.7	6251.7	6446.6	6652.6	6871.3	7104.2	7353.5	7621.7	7912.0	8228.6
35	6069.7	6254.8	6449.9	6656.2	6875.0	7108.2	7357.8	7626.3	7917.1	8234.1
36	6072.7	6258.0	6453.3	6659.7	6878.8	7112.2	7362.1	7631.0	7922.1	8239.7
37	6075.7	6261.2	6456.6	6663.3	6882.6	7116.3	7366.4	7635.7	7927.2	8245.2
38	6078.8	6264.3	6460.0	6666.8	6886.3	7120.3	7370.7	7640.3	7932.3	8250.8
39	6081.8	6267.5	6463.3	6670.4	6890.1	7124.3	7375.1	7645.0	7937.3	8256.3
40	6084.8	6270.7	6466.7	6673.9	6893.9	7128.4	7379.4	7649.7	7942.4	8261.9
41	6087.8	6273.9	6470.0	6677.5	6897.7	7132.4	7383.7	7654.4	7947.5	8267.5
42	6090.8	6277.1	6473.4	6681.0	6901.5	7136.4	7388.1	7659.0	7952.6	8273.1
43	6093.9	6280.2	6476.7	6684.6	6905.3	7140.5	7392 4	7663.7	7957.7	8278.7
44	6096.9	6283.4	6480.1	6688.2	6909.1	7144.5	7396.8	7668.4	7962.8	8284.3
45	6099.9	6286.6	6483.5	6691.7	6912.9	7148.6	7401.2	7673.2	7968.0	8289.9
46	6103.0	6289.8	6486.9	6695.3	6916.7	7152.7	7405.5	7677.9	7973.1	8295.5
47	6106.0	6293.0	6490.2	6698.9	6920.5	7156.7	7409.9	7682.6	7978.2	8301.1
48	6109.0	6296.2	6493.6	6702.5	6924.3	7160.8	7414.3	7687.3	7983.4	8306.8
49	6112.1	6299.4	6497.0	6706.1	6928.1	7164.9	7418.6	7692.1	7988.5	8312.4
50	6115.1	6302.6	6500.4	6709.7	6931.9	7169.0	7423.0	7696.8	7993.7	8313.1
51	6118.2	6305.8	6503.8	6713.2	6935.7	7173.1	7427.4	7701.5	7998.9	8323.8
52	6121.2	6309.0	6507.2	6716.8	6939.6	7177.2	7431.8	7706.3	8004.0	8329.4
53	6124.3	6312.3	6510.6	6720.4	6943.4	7181.3	7436.2	7711.1	8009.2	8335.1
54	6127.3	6315.5	6514.0	6724.0	6947.2	7185.4	7440.6	7715.8	8014.4	8340.8
55	6130.4	6318 7	6517.4	6727.7	6951.1	7189.5	7445.1	7720.6	8019.6	8346.5
56	6133.4	6321.9	6520.8	6731.3	6954.9	7193.6	7449.5	7725.4	8024.8	8352.2
57	6136.5	6325.1	6524.2	6734.9	6958.8	7197.7	7453.9	7730.2	8030.0	8358.0
58	6139.6	6328.4	6527.6	6738.5	6962.6	7201.8	7458.3	7735.0	8035.2	8363.7
59	6142.6	6331.6	6531.0	6742.1	6966.5	7205.9	7462.8	7739.8	8040.5	8369.4

TAVOLA I.

LATITUDINI CRESCENTI.

M	80°	81°	82°	83°	84°	85°	86°	87°	88°	89°
0	8375.2	8739.1	9145.5	9605.8	10136.9	10764.6	11532.5	12522.1	13916.4	16299.6
1	8381.0	8745.5	9152.7	9614.0	10146.5	10776.1	11546.9	12541.3	13945.2	16357.3
2	8386.7	8751.9	9159.9	9622.3	10156.1	10787.7	11561.3	12560.5	13974.2	16416.1
3	8392.5	8758.3	9167.1	9630.5	10165.7	10799.2	11575.8	12579.9	14003.5	16475.9
4	8398.3	8764.7	9174.3	9638.8	10175.4	10810.8	11590.3	12599.4	14033.0	16536.8
5	8404.1	8771.2	9181.6	9647.1	10185.1	10822.5	11605.0	12619.0	14062.8	16598.7
6	8409.9	8777.6	9188.8	9655.4	10194.8	10834.2	11619.6	12638.7	14092.8	16661.8
7	8415.7	8784.1	9196.1	9663.7	10204.5	10845.9	11634.4	12658.5	14123.1	16726.0
8	8421.6	8790.6	9203.4	9672.1	10214.3	10857.7	11649.2	12678.5	14153.7	16791.5
9	8427.4	8797.1	9210.7	9680.5	10224.1	10869.5	11664.0	12698.5	14184.5	16858.3
10	8433.3	8803.6	9218.1	9688.9	10233.9	10881.3	11678.9	12718.7	14215.6	16926.4
11	8439.1	8810.1	9225.4	9697.3	10243.8	10893.2	11693.9	12739.0	14247.0	16995.8
12	8445.0	8816.6	9232.8	9705.7	10253.6	10905.1	11709.0	12759.4	14278.7	17066.7
13	8450.9	8823.2	9240.2	9714.2	10263.5	10917.1	11724.1	12779.9	14310.7	17139.1
14	8456.8	8829.7	9247.5	9722.6	10273.5	10929.1	11739.8	12800.6	14343.0	17213.0
15	8462.7	8836.3	9255.0	9731.1	10283.5	10941.2	11754.6	12821.4	14375.6	17286.6
16	8468.6	8842.9	9262.4	9739.7	10293.5	10953.3	11769.9	12842.3	14408.5	17365.8
17	8474.5	8849.5	9269.8	9748.2	10303.5	10965.4	11785.3	12863.3	14441.7	17444.9
18	8480.4	8856.1	9277.3	9756.8	10313.5	10977.6	11800.7	12884.5	14475.2	17525.8
19	8486.4	8862.7	9284.7	9765.3	10323.6	10989.5	11816.3	12905.8	14509.1	17608.6
20	8492.3	8869.3	9292.2	9773.9	10333.7	11002.1	11831.9	12927.2	14543.3	17693.5
21	8498.3	8876.0	9299.7	9782.6	10343.9	11014.4	11847.5	12948.7	14577.9	17780.5
22	8504.3	8882.6	9307.3	9791.2	10354.0	11026.8	11863.3	12970.4	14612.8	17869.8
23	8510.2	8889.3	9314.8	9799.9	10364.2	11039.2	11879.1	12992.3	14648.0	17961.5
24	8516.2	8896.0	9322.3	9808.6	10374.5	11051.6	11895.0	13014.3	14683.7	18055.7
25	8522.2	8902.7	9329.9	9817.3	10384.7	11064.1	11911.0	13036.4	14719.7	18152.6
26	8528.2	8909.4	9337.5	9826.0	10395.0	11076.6	11927.0	13058.6	14756.1	18252.2
27	8534.3	8916.1	9345.1	9834.8	10405.4	11089.2	11943.1	13081.0	14792.8	18354.8
28	8540.3	8922.8	9352.7	9843.6	10415.7	11101.8	11959.3	13103.6	14830.0	18460.6
29	8546.3	8929.6	9360.4	9852.4	10426.1	11114.5	11975.6	13126.3	14867.6	18569.8
30	8552.4	8936.3	9368.0	9861.2	10436.5	11127.2	11991.9	13149.1	14905.6	18682.5
31	8558.5	8943.1	9375.7	9870.0	10447.0	11140.0	12008.3	13172.1	14944.0	18799.0
32	8564.5	8949.9	9383.4	9878.9	10457.4	11152.8	12024.8	13195.3	14982.8	18919.7
33	8570.6	8956.7	9391.1	9887.8	10468.0	11165.7	12041.4	13218.6	15022.1	19044.7
34	8576.7	8963.5	9398.8	9896.7	10478.5	11178.6	12058.1	13242.1	15061.9	19174.4
35	8582.8	8970.3	9406.5	9905.6	10489.1	11191.6	12074.8	13265.7	15102.1	19309.3
36	8588.9	8977.2	9414.3	9914.6	10499.7	11204.6	12091.6	13289.5	15142.8	19449.6
37	8595.1	8984.0	9422.1	9923.6	10510.3	11217.6	12108.5	13313.5	15183.9	19595.9
38	8601.2	8990.9	9429.8	9932.6	10521.0	11230.7	12125.5	13337.6	15225.6	19748.7
39	8607.4	8997.8	9437.7	9941.6	10531.7	11243.9	11142.6	13361.9	15267.8	19908.7
40	8613.5	9004.7	9445.5	9950.7	10542.5	11257.1	12159.7	13386.4	15310.5	20076.4
41	8619.7	9011.6	9453.3	9959.7	10553.2	11270.4	12177.0	13411.0	15363.8	20252.7
42	8625.9	9018.5	9461.2	9968.8	10564.0	11283.7	12194.3	13435.9	15397.6	20438.6
43	8632.1	9025.4	9469.1	9978.0	10574.9	11297.0	12211.1	13460.9	15441.9	20635.1
44	8638.3	9032.4	9477.0	9987.1	10585.8	11310.5	12229.2	13486.1	15486.9	20843.5
45	8644.5	9039.3	9484.9	9996.3	10596.7	11323.9	12246.8	13511.4	15532.4	21065.4
46	8650.7	9046.3	9492.8	10005.5	10607.6	11337.5	12264.5	13537.0	15578.6	21302.6
47	8656.9	9053.3	9500.8	10014.7	10618.6	11351.0	12282.3	13562.8	15625.3	21557.3
48	8663.2	9060.3	9508.7	10024.0	10629.6	11364.7	12300.1	13588.7	15672.8	21832.5
49	8669.5	9067.3	9516.7	10033.2	10640.7	11378.3	12318.1	13614.9	15720.8	22131.6
50	8675.7	9074.3	9524.7	10042.5	10651.8	11392.1	12336.2	13641.2	15769.6	22459.3
51	8682.0	9081.4	9532.7	10051.8	10662.9	11405.9	12354.3	13668.8	15719.1	22821.5
52	8688.3	9088.5	9540.8	10061.2	10674.0	11419.7	12372.5	13694.5	15869.3	23226.4
53	8694.6	9095.5	9548.9	10070.6	10685.2	11433.6	12390.9	13721.5	15920.2	23685.4
54	8700.9	9102.6	9556.9	10080.0	10696.5	11447.6	12409.3	13748.7	15971.9	24215.4
55	8707.3	9109.7	9565.0	10089.4	10707.7	11461.6	12427.9	13776.1	16024.4	24842.1
56	8713.6	9116.8	9573.2	10098.8	10719.0	11475.7	12446.5	13803.7	16077.7	25609.2
57	8719.9	9124.0	9581.3	10108.3	10730.4	11489.8	12465.3	13831.5	16131.8	26598.2
58	8726.3	9131.1	9589.5	10117.8	10741.8	11504.0	12484.1	13859.6	16186.8	27992.1
59	8732.7	9138.3	9597.6	10127.3	10753.2	11518.2	12503.1	13887.9	16242.7	30375.0

TAVOLA II.

Errori derivanti dalle superficie del grande specchio, allorchè formano esse un angolo di 1′.

Angoli osservati.	Osservaz. a dritta.		Osservaz. a sinistra.		Osservaz. incrociate.	
°	′	″	′	″	′	″
0	0	0	0	0	0	0
10		2		1		2
20		6		2		4
30		10		1		6
40		16		0		8
45	0	19	0	1	0	9
50		23		2		11
55		28		4		12
60		33		6		14
65		38		8		15
70	0	47	0	10	0	18
75		55		13		21
80	1	4		16		24
85		15		19		28
90		28		23		32
95	1	43	0	28	0	37
100	2	1		33		43
105		23		38		53
110		50		47	1	02
115	3	23		55		12
120	4	5	1	4	1	31
125	5	0		15		53
130	6	15		28	2	23

TAVOLA III.

Correzioni per la deviazione del piano nel quale si osserva il contatto.

Angoli osserv.	Quantità della deviazione.																					
	10′		15′		20′		25′		30′		35′		40′		45′		50′		55′		60′	
°	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		0		0		1		1		2		2		3		3		4		5		6
20		0		1		1		2		3		4		5		6		8		9		11
30		0		1		2		3		4		6		8		10		12		14		17
40		1		1		3		4		6		8		10		13		16		19		23
50	0	1	0	2	0	3	0	5	0	7	0	10	0	13	0	16	0	20	0	24	0	29
60		1		2		4		6		9		12		16		20		25		30		36
65		1		3		4		7		10		14		18		23		28		34		40
70		1		3		5		8		11		15		20		25		31		37		44
75		1		3		5		8		12		16		21		27		33		40		48
80	0	1	0	3	0	6	0	9	0	13	0	18	0	24	0	30	0	37	0	45	0	53
85		2		4		6		10		15		20		26		33		40		49		58
90		2		4		7		11		16		21		28		35		44		53	1	3
95		2		4		8		12		17		23		31		39		48		58	1	9
100		2		5		9		13		19		26		34		42		52	1	3	1	15
105	0	2	0	5	0	9	0	14	0	21	0	28	0	36	0	46	0	57	1	9	1	22
110		3		6		10		16		23		31		40		51	1	3	1	16	1	30
115		3		6		11		17		25		34		44		56	1	9	1	23	1	39
120		3		7		12		19		27		37		48	1	1	1	16	1	32	1	49
125		3		8		13		21		30		41		53	1	8	1	24	1	41	2	0
130	0	4	0	8	0	15	0	24	0	34	0	46	1	0	1	16	1	34	1	53	2	15
140		5		11		19		30		43		59	1	17	1	37	2	0	2	25	2	53
150		6		15		26		41		59	1	20	1	44	2	12	2	42	3	17	3	54
160		10		22		40	1	2	1	29	2	1	2	38	2	20	4	7	4	59	5	56
170		20		44	1	19	2	3	2	58	4	2	5	16	6	40	8	14	9	57	11	51
180	20	0	30	0	40	0	50	0	60	0	70	0	80	0	90	0	100	0	110	0	120	0

TAVOLA IV.

Depressione dell'orizzonte.

Altezza dell'occhio.		Depressione.	Altezza dell'occhio.		Depressione.	Altezza dell'occhio.		Depressione.	Altezza dell'occhio.		Depressione.
in piedi.	in metri.		in piedi.	in metri.		in piedi.	in metri.		in piedi.	in metri.	
1	0.3	1' 1"	21	6.8	4' 39"	41	13.3	6' 30"	61	19.8	7' 56"
2	0.6	1 26	22	7.2	4 45	42	13.6	6 34	62	20.1	8 0
3	0.9	1 45	23	7.5	4 52	43	14.0	6 39	63	20.5	8 4
4	1.3	2 2	24	7.8	4 58	44	14.3	6 43	64	20.8	8 8
5	1.6	2 16	25	8.1	5 4	45	14.6	6 48	65	21.1	8 11
6	1.9	2 29	26	8.4	5 10	46	14.9	6 52	66	21.4	8 15
7	2.3	2 41	27	8.8	5 17	47	15.3	6 57	67	21.8	8 19
8	2.6	2 52	28	9.1	5 22	48	15.6	7 1	68	22.1	8 23
9	2.9	3 2	29	9.4	5 28	49	15.9	7 6	69	22.4	8 26
10	3.2	3 12	30	9.7	5 33	50	16.3	7 11	70	22.7	8 30
11	3.6	3 22	31	10.1	5 39	51	16.6	7 16	71	23.1	8 33
12	3.9	3 31	32	10.4	5 44	52	16.9	7 20	72	23.4	8 37
13	4.2	3 39	33	10.7	5 50	53	17.3	7 24	73	23.7	8 40
14	4.5	3 48	34	11.0	5 55	54	17.6	7 28	74	24.0	8 44
15	4.9	3 55	35	11.4	6 1	55	17.9	7 32	75	24.4	8 47
16	5.2	4 3	36	11.7	6 5	56	18.2	7 36	76	24.7	8 51
17	5.5	4 11	37	12.0	6 11	57	18.5	7 40	77	25.0	8 55
18	5.8	4 18	38	12.3	6 15	58	18.8	7 44	78	25.3	8 59
19	6.2	4 25	39	12.7	6 21	59	19.2	7 48	79	25.6	9 2
20	6.5	4 32	40	13.0	6 25	60	19.5	7 52	80	26.0	9 5

TAVOLA V.

Rifrazione per 0m, 760 del barometro, e + 10° del termometro centigrado.

Altezza apparente.	Rifrazione delle stelle.	Differenza per 10′	Rifrazione meno parallasse ☉	Altezza apparente.	Rifraz. delle stelle.	Differenza per 10′	Rifrazione meno parallasse ☉	Altezza apparente.	Rifraz. delle stelle.	Differenza per 10′	Rifrazione meno parallasse ☉
0° 0′	33′ 46″.3	112″.0	33′ 37″.3	9° 0′	5′ 53″.6	6″.2	5′ 44″.6	38°	1′ 14″.4	0″.43	1′ 7″.4
10	31 54.3	105.0	31 45.3	10	5 47.4	5.9	5 38.4	39	1 11.8	0.42	1 4.8
20	30 9.3	97.3	30 0.3	20	5 41.5	5.7	5 32.5	40	1 9.3	0.40	1 2.3
30	28 32.1	89.8	28 23.1	30	5 35.8	5.5	5 26.8	41	1 6.9	0.38	0 59.9
40	27 2.2	83.6	26 53.2	40	5 30.3	5.3	5 21.3	42	1 4.6	0.37	0 57.6
50	25 38.6	77.4	25 29.6	50	5 25.0	5.2	5 16.6	43	1 2.4	0.35	0 56.4
1 0	24 21.2	71.6	24 12.2	10 0	5 19.8	5.1	5 10.8	44	1 0.3	0.34	0 54.3
10	23 9.6	66.2	23 0.6	10	5 14.7	5.0	5 5.7	45	0 58.2	0.33	0 52.2
20	22 3.4	61.5	21 54.4	20	5 9.7	4.8	5 0.7	46	0 56.2	0.32	0 50.2
30	21 1.9	57.1	20 52.9	30	5 4.9	4.6	4 55.9	47	0 54.3	0.31	0 48.3
40	20 4.8	53.3	19 55.8	40	5 0.3	4.4	4 51.3	48	0 52.4	0.30	0 46.4
50	19 11.5	49.3	19 2.5	50	4 55.9	4.2	4 46.9	49	0 50.6	0.29	0 44.6
2 0	18 22.2	45.9	18 13.2	11 0	4 51.7	4.1	4 42.7	50	0 48.9	0.28	0 42.9
10	17 36.3	43.1	17 27.3	10	4 47.6	4.0	4 38.6	51	0 47.2	0.27	0 42.2
20	16 53.2	32.8	16 44.2	20	4 43.6	4.0	4 34.6	52	0 45.5	0.26	0 40.5
30	16 13.4	37.4	16 4.4	30	4 39.6	3.9	4 30.6	53	0 43.9	0.26	0 38.9
40	15 36.0	35.1	15 27.0	40	4 35.7	3.9	4 26.7	54	0 42.3	0.25	0 37.3
50	15 0.9	32.8	14 51.9	50	4 31.3	3.8	4 22.8	55	0 40.8	0.25	0 35.8
3 0	14 28.1	30.8	14 19.1	12 0	4 28.0	3.7	4 19.0	56	0 39.3	0.25	0 34.3
10	13 57.3	28.8	13 48.3	10	4 24.3	3.6	4 15.3	57	0 37.8	0.24	0 32.8
20	13 28.5	27.2	13 19.5	20	4 20.7	3.5	4 11.7	58	0 36.4	0.24	0 31.4
30	13 1.3	25.7	12 52.3	30	4 17.2	3.4	4 8.2	59	0 35.0	0.23	0 30.0
40	12 35.6	24.3	12 26.6	40	4 13.8	3.2	4 4.8	60	0 33.6	0.22	0 29 6
50	12 11.3	23.0	12 2.3	50	4 10.6	3.1	4 1.6	61	0 32.3	0.22	0 28.3
4 0	11 48.3	21.7	11 39.3	13 0	4 7.5	3.1	3 58.5	62	0 31.0	0.21	0 27.0
10	11 26.6	20.5	11 17.6	10	4 4.4	3.0	3 55.4	63	0 29.7	0.21	0 25.4
20	11 6.1	19.4	10 57.1	20	4 1.4	3.0	3 52.4	64	0 28.4	0.20	0 24.4
30	10 46.7	18.4	10 37.7	30	3 58.4	2.9	3 49.4	65	0 27.2	0.20	0 23.2
40	10 28.3	17.4	10 19.3	40	3 55.5	2.9	3 46.5	66	0 25.9	0.20	0 21.9
50	10 10.9	16.6	10 1.9	50	3 52.6	2.8	3 43.6	67	0 24.7	0.20	0 21.7
5 0	9 54.3	15.9	9 45.3	14° 0	3 49.8	2.58	3 40.8	68	0 23.5	0.20	0 20.5
10	9 38.4	15.0	9 27.4	15	3 34.3	2.28	3 25.3	69	0 22.4	0.20	0 19.4
20	9 23.4	14.4	9 14.4	16	3 20.6	2.02	3 12.6	70	0 21.2	0.20	0 18.2
30	9 9.0	13.7	9 0.0	17	3 8.5	1.82	3 0.5	71	0 20.0	0.19	0 17.0
40	8 55.3	12.9	8 46.3	18	2 57.6	1.65	2 49.6	72	0 18.9	0.18	0 15.9
50	8 42.4	12.5	8 33.4	19	2 47.7	1.48	2 39.7	73	0 17.8	0.18	0 14.8
6 0	8 29.9	11.8	8 20.9	20	2 38.8	1.37	2 30.8	74	0 16.7	0.18	0 14.7
10	8 18.1	11.5	8 9.1	21	2 30.6	1.24	2 22.6	75	0 15.6	0.18	0 13.6
20	8 6.6	11.0	7 57.6	22	2 23.2	1.11	2 15.2	76	0 14.5	0.17	0 12.5
30	7 55.6	10.6	7 46.6	23	2 16.5	1.05	2 8.5	77	0 13.5	0.17	0 11.5
40	7 45.0	10.3	7 36.0	24	2 10.2	0.98	2 2.2	78	0 12.4	0.17	0 10.4
50	7 34.7	9.9	7 25.7	25	2 4.3	0.90	1 56.3	79	0 11.3	0.17	0 9.3
7 0	7 24.8	9.5	7 15.8	26	1 58.9	0.83	1 50.9	80	0 10.3	0.17	0 8.4
10	7 15.3	9.0	7 6.3	27	1 53.9	0.78	1 45.9	81	0 9.2	0.17	0 8.2
20	7 6.3	8.6	6 57.3	28	1 49.2	0.73	1 41.2	82	0 8.2	0.17	0 7.2
30	6 57.7	8.1	6 48.7	29	1 44.8	0.70	1 36.8	83	0 7.2	0.17	0 6.1
40	6 49.6	7.7	6 40.6	30	1 40.6	0.65	1 32.6	84	0 6.1	0.17	0 5.1
50	6 41.9	7.5	6 32.9	31	1 36.7	0.60	1 28.7	85	0 5.1	0.17	0 4.1
8 0	6 34.4	7.3	6 25.4	32	1 33.1	0.58	1 26.1	86	0 4.1	0.17	0 3.1
10	6 27.1	7.1	6 18.1	33	1 29.6	0.56	1 22.6	87	0 3.1	0.17	0 3.1
20	6 20.0	6.9	6 11.0	34	1 26.2	0.53	1 19.2	88	0 2.0	0.17	0 2.0
30	6 13.1	6.7	6 4.1	35	1 23.1	0.50	1 16.1	89	0 1.0	0.17	0 1.0
40	6 6.4	6.5	5 57.4	36	1 20.1	0.48	1 13.1	90	0 0.0		0 0.0
50	5 59.9	6.3	5 50.9	37	1 17.2	0.47	1 10.2				
9 0	5 53.6		5 44.6	38	1 14.4		1 7.4				

TAVOLA VI.
Per correggere le rifrazioni medie.

Barometro.		Fattore.	Barometro.		Fattore.	Termometro.		Fattore.
m	po		m	po		centig.	°	
0.710	26.23	0.934	0.750	27.71	0.987	— 20	— 16.0	1.128
711	27	935	751	74	988	18	14.4	118
712	30	937	752	78	989	16	12.8	109
713	34	938	753	82	990	14	11.2	100
714	38	939	754	85	992	12	9.6	091
0.715	26.41	0.941	0.755	27.89	0.993	— 11	— 8.8	1.087
716	43	942	756	93	995	10	8.0	082
717	49	943	757	96	996	9	7.2	077
718	52	945	758	28.00	997	8	6.4	073
719	56	946	759	04	999	7	5.6	069
0.720	26.60	0.947	0.760	28.08	1.000	— 6	— 4.8	1.064
721	63	949	761	11	001	5	4.0	060
722	67	950	762	15	003	4	3.2	056
723	71	951	763	19	004	3	2.4	052
724	75	953	764	22	005	2	1.6	048
0.725	26.78	0.954	0.765	28.26	1.007	— 1	— 0.8	1.044
726	82	955	766	30	008	0	0.0	040
727	86	957	767	33	009	+ 1	+ 0.8	035
728	89	958	768	37	010	2	1.6	031
729	93	959	769	41	012	3	2.4	027
0.730	26.97	0.960	0.770	28.44	1.013	+ 4	+ 3.2	1.023
731	27.00	962	771	48	014	5	4.0	019
732	04	963	772	52	016	6	4.8	015
733	08	964	773	56	017	7	5.6	012
734	11	966	774	59	018	8	6.4	008
0.735	27.15	0.967	0.775	28.63	1.020	+ 9	+ 7.2	1.004
736	19	968	776	67	021	10	8.0	000
737	23	970	777	70	022	11	8.8	0.996
738	26	971	778	74	023	12	9.6	992
739	30	972	779	78	025	13	10.4	989
0.740	27.34	0.973	0.780	28.81	1.026	+ 14	+ 11.2	0.985
741	37	975	781	85	027	15	12.0	981
742	41	976	782	89	029	16	12.8	977
743	45	977	783	92	030	17	13.6	974
744	48	979	784	96	031	18	14.4	971
0.745	27.52	0.980	0.785	29.00	1.033	+ 20	+ 16.0	0.964
746	56	981	786	04	034	22	17.6	956
747	60	983	787	07	035	24	19.2	949
748	63	984	788	11	037	26	20.8	942
749	67	985	789	15	038	30	24.0	929

TAVOLA VII.

Parallasse della luna in altezza, meno la rifrazione.

Altezza appar.		Parallasse orizzontale.																		Parti proporzionali. Per li minuti della parallasse.										Ai m. di alt.
		53'		54'		55'		56'		57'		58'		59'		60'		61'		0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	
0°	0'	19'	14"	20'	14"	21'	14"	22'	14"	23'	14"	24'	14"	25'	14"	26'	14"	27'	14"	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	+
	10	21	6	22	6	23	6	24	6	25	6	26	6	27	6	28	6	29	6	10	11	12	13	14	15	16	17	18	19	
	20	22	51	23	51	24	51	25	51	26	51	27	51	28	51	29	51	30	51	20	21	22	23	24	25	26	27	28	29	
	30	24	28	25	28	26	28	27	28	28	28	29	28	30	28	31	28	32	28	30	31	32	33	34	35	36	37	38	39	
	40	25	58	26	58	27	58	28	58	29	58	30	58	31	58	32	58	33	58	40	41	42	43	44	45	46	47	48	49	
	50	27	20	28	20	29	20	30	20	31	20	32	20	33	20	34	20	35	20	50	51	52	53	54	55	56	57	58	59	
1	0	28	38	29	38	30	38	31	38	32	38	33	38	34	38	35	38	36	38	0	1	2	3	4	5	6	7	8	9	
	10	29	49	30	49	31	49	32	49	33	49	34	49	35	49	36	49	37	49	10	11	12	13	14	15	16	17	18	19	
	20	30	56	31	56	32	56	33	56	34	56	35	56	36	56	37	56	38	56	20	21	22	23	24	25	26	27	28	29	
	30	31	57	32	57	33	57	34	57	35	57	36	57	37	57	38	57	39	57	30	31	32	33	34	35	36	37	38	39	
	40	32	54	33	54	34	54	35	54	36	54	37	54	38	54	39	54	40	54	40	41	42	43	44	45	46	47	48	49	
	50	33	46	34	46	35	46	36	46	37	46	38	46	39	46	40	46	41	46	50	51	52	53	54	55	56	57	58	59	
2	0	34	36	35	36	36	36	37	36	38	36	39	36	40	36	41	36	42	36	0	1	2	3	4	5	6	7	8	9	
	10	35	22	36	22	37	22	38	22	39	22	40	22	41	22	42	22	43	22	10	11	12	13	14	15	16	17	18	19	
	20	36	5	37	4	38	4	39	4	40	4	41	4	42	4	43	4	44	4	20	21	22	23	24	25	26	27	28	29	
	30	36	44	37	44	38	44	39	44	40	44	41	44	42	44	43	44	44	44	30	31	32	33	34	35	36	37	38	39	
	40	37	20	38	20	39	20	40	20	41	20	42	20	43	20	44	20	45	20	40	41	42	43	44	45	46	47	48	49	
	50	37	55	38	55	39	55	40	55	41	55	42	55	43	55	44	55	45	55	50	51	52	53	54	55	56	57	58	59	
3	0	38	28	39	28	40	27	41	27	42	27	43	27	44	27	45	27	46	27	0	1	2	3	4	5	6	7	8	9	
	10	38	58	39	58	40	58	41	58	42	58	43	58	44	58	45	58	46	58	10	11	12	13	14	15	16	17	18	19	
	20	39	26	40	26	41	26	42	26	43	25	44	25	45	25	46	25	47	25	20	21	22	23	24	25	26	27	28	29	
	30	39	53	40	53	41	53	42	53	43	52	44	52	45	52	46	52	47	52	30	31	32	33	34	35	36	37	38	39	
	40	40	17	41	17	42	17	43	17	44	17	45	17	46	17	47	17	48	17	40	41	42	43	44	45	46	47	48	49	
	50	40	42	41	42	42	42	43	41	44	41	45	41	46	41	47	41	48	41	50	51	52	53	54	55	56	57	58	59	
4	0	41	4	42	4	43	4	44	4	45	4	46	4	47	4	48	3	49	3	0	1	2	3	4	5	6	7	8	9	
	10	41	25	42	25	43	24	44	24	45	24	46	24	47	24	48	23	49	23	10	11	12	13	14	15	16	17	18	19	
	20	41	45	42	45	43	44	44	44	45	44	46	44	47	44	48	44	49	44	20	21	22	23	24	25	26	27	28	29	
	30	42	3	43	3	44	3	45	3	46	2	47	2	48	2	49	2	50	2	30	31	32	33	34	35	36	37	38	39	
	40	42	21	43	21	44	21	45	21	46	21	47	21	48	20	49	20	50	20	40	41	42	43	44	45	46	47	48	49	
	50	42	38	43	38	44	37	45	37	46	37	47	36	48	36	49	36	50	36	50	51	52	53	54	55	56	57	58	59	
5	0	42	54	43	53	44	53	45	53	46	53	47	53	48	53	49	52	50	52	0	1	2	3	4	5	6	7	8	9	
	10	43	9	44	9	45	9	46	8	47	8	48	8	49	8	50	8	51	7	10	11	12	13	14	15	16	17	18	19	
	20	43	23	44	23	45	28	46	23	47	22	48	22	49	21	50	21	51	21	20	21	22	23	24	25	26	27	28	29	
	30	43	37	44	36	45	36	46	35	47	35	48	35	49	35	50	34	51	34	30	31	32	33	34	35	36	37	38	39	
	40	43	49	44	49	45	49	46	49	47	48	48	48	49	48	50	48	51	47	40	41	42	43	44	45	46	47	48	49	
	50	44	2	45	1	46	1	47	1	48	0	49	0	49	59	50	59	51	59	50	51	52	53	54	55	56	57	58	59	
6	0	44	13	45	12	46	12	47	11	48	11	49	11	50	11	51	10	52	10	0	1	2	3	4	5	6	7	8	9	
	10	44	23	45	23	46	28	47	23	48	22	49	22	50	22	51	21	52	21	10	11	12	13	14	15	16	17	18	19	
	20	44	34	45	33	46	33	47	33	48	32	49	32	50	31	51	31	52	31	20	21	22	23	24	25	26	27	28	29	
	30	44	44	45	43	46	43	47	42	48	42	49	42	50	41	51	41	52	41	30	31	32	33	34	35	36	37	38	39	
	40	44	53	45	53	46	53	47	52	48	52	49	52	50	51	51	50	52	50	40	41	42	43	44	45	46	47	48	49	
	50	45	2	46	2	47	2	48	1	49	1	50	0	51	0	51	59	52	59	50	51	52	53	54	55	56	57	58	59	
7	0	45	12	46	11	47	10	48	10	49	10	50	9	51	9	52	8	53	8	0	1	2	3	4	5	6	7	8	9	
	10	45	20	46	20	47	19	48	19	49	18	50	18	51	17	52	17	53	16	10	11	12	13	14	15	16	17	18	19	
	20	45	28	46	28	47	27	48	26	49	26	50	26	51	25	52	25	53	24	20	21	22	23	24	25	26	27	28	29	
	30	45	35	46	34	47	34	48	33	49	33	50	32	51	32	52	31	53	31	30	31	32	33	34	35	36	37	38	39	
	40	45	42	46	41	47	41	48	40	49	39	50	39	51	38	52	38	53	37	40	41	42	43	44	45	46	47	48	49	
	50	45	49	46	48	47	47	48	47	49	46	50	46	51	45	52	44	53	44	50	51	52	53	54	55	56	57	58	59	
8	0	45	55	46	54	47	54	48	53	49	53	50	52	51	52	52	51	53	51	0	1	2	3	4	5	6	7	8	9	
	10	46	1	47	0	47	59	48	59	49	58	50	58	51	57	52	56	53	56	10	11	12	13	14	15	16	17	18	19	
	20	46	6	47	6	48	5	49	5	50	4	51	3	52	8	53	2	54	2	20	21	22	23	24	25	26	27	28	29	
	30	46	12	47	12	48	11	49	10	50	9	51	9	52	8	53	7	54	7	30	31	32	33	34	35	36	37	38	39	
	40	46	17	47	17	48	16	49	16	50	15	51	14	52	14	53	13	54	12	40	41	42	43	44	45	46	47	48	49	
	50	46	22	47	22	48	21	49	20	50	19	51	19	52	18	53	17	54	17	49	50	51	52	53	54	55	56	57	58	
9	0	46	27	47	26	48	25	49	25	50	24	51	23	52	22	53	22	54	21	0	1	2	3	4	5	6	7	8	9	
	10	46	32	47	32	48	31	49	30	50	29	51	29	52	28	53	27	54	26	10	11	12	13	14	15	16	17	18	19	
	20	46	36	47	35	48	34	49	34	50	33	51	32	52	31	53	31	54	30	20	21	22	23	24	25	26	27	28	29	
	30	46	40	47	40	48	39	49	38	50	37	51	36	52	35	53	35	54	34	30	31	32	33	34	35	36	36	37	38	
	40	46	45	47	44	48	43	49	42	50	41	51	41	52	40	53	39	54	38	39	40	41	42	43	44	45	46	47	48	
	50	46	48	47	48	48	46	49	46	50	45	51	44	52	43	53	42	54	41	49	50	51	52	53	54	55	56	57	58	

TAVOLA VII.

Parallasse della luna in altezza, meno la rifrazione.

Altezza appar.		Parallasse orizzontale.																		Parti proporzionali. Per li minuti della parallasse.									
		53′		54′		55′		56′		57′		58′		59′		60′		61′		0″	1″	2″	3″	4″	5″	6″	7″	8″	9″
10°	0	46′	51″	47′	51″	48′	50″	49′	49″	50′	48″	51′	47″	52′	46″	53′	45″	54′	44″	0″	1″	2″	3″	4″	5″	6″	7″	8″	9″
	10	46	55	47	54	48	53	49	52	50	52	51	50	52	49	53	49	54	47	10	11	12	13	14	15	16	17	18	19
	20	46	58	47	57	48	57	49	55	50	55	51	54	52	52	53	52	54	51	20	21	22	23	24	25	26	27	28	29
	30	47	2	48	1	49	0	49	59	50	58	51	57	52	56	53	55	54	54	29	30	31	32	33	34	35	36	37	38
	40	47	5	48	4	49	3	50	2	51	1	52	0	52	59	53	58	54	57	39	40	41	42	43	44	45	46	47	48
	50	47	8	48	6	49	5	50	4	51	3	52	2	53	1	54	0	54	59	49	50	51	52	53	54	55	56	57	58
11	0	47	10	48	9	49	7	50	6	51	5	52	4	53	3	54	2	55	1	0	1	2	3	4	5	6	7	8	9
	10	47	12	48	11	49	10	50	8	51	7	52	6	53	5	54	4	55	3	10	11	12	13	14	15	16	17	18	19
	20	47	14	48	13	49	12	50	11	51	9	52	8	53	7	54	6	55	5	20	21	22	23	24	24	25	26	27	28
	30	47	16	48	15	49	14	50	13	51	12	52	10	53	9	54	8	55	7	29	30	31	32	33	34	35	36	37	38
	40	47	19	48	17	49	16	50	14	51	13	52	12	53	11	54	10	55	8	39	40	41	42	43	44	45	46	47	48
	50	47	20	48	19	49	18	50	17	51	15	52	14	53	13	54	11	55	10	49	50	51	52	53	54	55	56	57	58
12	0	47	22	48	21	49	20	50	19	51	17	52	16	53	15	54	13	55	12	0	1	2	3	4	5	6	7	8	9
	10	47	25	48	23	49	22	50	20	51	19	52	18	53	16	54	15	55	14	10	11	12	13	14	15	16	17	18	19
	20	47	26	48	24	49	23	50	22	51	20	52	19	53	17	54	16	55	14	20	21	21	22	23	24	25	26	27	28
	30	47	27	48	26	49	25	50	23	51	22	52	21	53	19	54	18	55	16	29	30	31	32	33	34	35	36	37	38
	40	47	29	48	27	49	26	50	24	51	23	52	21	53	20	54	18	55	17	39	40	41	42	43	44	45	46	47	48
	50	47	30	48	28	49	27	50	25	51	24	52	22	53	21	54	19	55	18	49	50	51	52	53	54	55	56	57	58
13	0	47	30	48	29	49	27	50	26	51	24	52	23	53	21	54	20	55	18	0	1	2	3	4	5	6	7	8	9
	10	47	33	48	31	49	29	50	28	51	26	52	25	53	23	54	21	55	20	10	11	12	13	14	15	16	17	18	18
	20	47	33	48	31	49	30	50	28	51	27	52	25	53	24	54	22	55	21	19	20	21	22	23	24	25	26	27	28
	30	47	34	48	33	49	31	50	29	51	28	52	26	53	24	54	22	55	21	29	30	31	32	33	34	35	36	37	38
	40	47	34	48	32	49	30	50	29	51	27	52	26	53	24	54	22	55	20	39	40	41	42	43	44	45	46	47	48
	50	47	35	48	33	49	31	50	30	51	28	52	26	53	24	54	23	55	21	49	50	51	52	53	53	54	55	56	57
14	0	47	36	48	34	49	32	50	30	51	29	52	27	53	25	54	23	55	21	0	1	2	3	4	5	6	7	8	9
	10	47	36	48	35	49	33	50	31	51	29	52	27	53	26	54	24	55	21	10	11	12	13	14	15	15	16	17	18
	20	47	36	48	34	49	32	50	31	51	29	52	26	53	25	54	23	55	21	19	20	21	22	23	24	25	26	27	28
	30	47	37	48	35	49	33	50	31	51	29	52	27	53	25	54	23	55	22	29	30	31	32	33	34	35	36	37	38
	40	47	37	48	35	49	34	50	32	51	29	52	28	53	26	54	23	55	22	39	40	41	42	43	44	45	46	46	47
	50	47	37	48	35	49	33	50	31	51	29	52	27	53	25	54	23	55	21	48	49	50	51	52	53	54	55	56	57
15	0	47	37	48	36	49	34	50	31	51	30	52	27	53	25	54	24	55	21	0	1	2	3	4	5	6	7	8	9
	10	47	37	48	35	49	33	50	31	51	29	52	27	53	25	54	23	55	21	10	11	12	13	14	14	15	16	17	18
	20	47	37	48	35	49	32	50	31	51	28	52	26	53	24	54	22	55	20	19	20	21	22	23	24	25	26	27	28
	30	47	37	48	35	49	33	50	31	51	29	52	26	53	24	54	22	55	20	29	30	31	32	33	34	35	36	37	38
	40	47	37	48	34	49	33	50	30	51	28	52	26	53	24	54	21	55	19	39	39	40	41	42	43	44	45	46	47
	50	47	36	48	34	49	32	50	30	51	27	52	25	53	23	54	20	55	18	48	49	50	51	52	53	54	55	56	57
16	0	47	36	48	34	49	31	50	29	51	26	52	24	53	22	54	20	55	17	0	1	2	3	4	5	6	7	8	9
	10	47	35	48	33	49	31	50	28	51	26	52	24	53	21	54	19	55	16	10	11	12	13	14	14	15	16	17	18
	20	47	35	48	32	49	30	50	27	51	25	52	23	53	20	54	18	55	15	19	20	21	22	23	24	25	26	27	28
	30	47	34	48	32	49	29	50	26	51	24	52	22	53	19	54	17	55	14	29	30	31	32	33	34	35	36	37	38
	40	47	33	48	31	49	28	50	26	51	24	52	21	53	18	54	16	55	13	39	39	40	41	42	43	44	45	46	47
	50	47	33	48	30	49	27	50	25	51	23	52	20	53	17	54	15	55	12	48	49	50	51	52	53	54	55	56	57
17	0	47	32	48	29	49	27	50	24	51	22	52	19	53	16	54	14	55	11	0	1	2	3	4	5	6	7	8	9
	10	47	31	48	28	49	26	50	24	51	21	52	18	53	15	54	13	55	10	10	10	11	12	13	14	15	16	17	18
	20	47	30	48	28	49	25	50	23	51	20	52	17	53	14	54	12	55	9	19	20	21	22	23	24	25	26	27	28
	30	47	30	48	27	49	24	50	22	51	19	52	16	53	13	54	10	55	8	29	30	30	31	32	33	34	35	36	37
	40	47	29	48	26	49	24	50	21	51	18	52	15	53	12	54	9	55	6	38	39	40	41	42	43	44	45	46	47
	50	47	28	48	26	49	23	50	20	51	17	52	14	53	11	54	8	55	5	48	49	50	51	52	52	53	54	55	56
18	0	47	27	48	24	49	21	50	18	51	15	52	12	53	9	54	6	55	3	0	1	2	3	4	5	6	7	8	9
	10	47	26	48	23	49	20	50	17	51	14	52	11	53	8	54	5	55	2	9	10	11	12	13	14	15	16	17	18
	20	47	25	48	22	49	19	50	16	51	13	52	10	53	7	54	3	55	0	19	20	21	22	23	24	25	26	27	27
	30	47	23	48	20	49	17	50	14	51	10	52	7	53	4	54	1	54	58	28	29	30	31	32	33	34	35	36	37
	40	47	22	48	19	49	16	50	12	51	9	52	6	53	3	53	59	54	56	38	39	40	41	42	43	44	45	46	46
	50	47	21	48	18	49	15	50	11	51	8	52	4	53	1	53	58	54	55	47	48	49	50	51	52	53	54	55	56
19	0	47	19	48	16	49	12	50	9	51	5	52	2	52	59	53	56	54	53	0	1	2	3	4	5	6	7	8	8
	10	47	18	48	15	49	11	50	8	51	4	52	1	52	58	53	54	54	51	9	10	11	12	13	14	15	16	17	18
	20	47	16	48	12	49	9	50	5	51	2	51	59	52	55	53	52	54	49	19	20	21	22	23	24	24	25	26	27
	30	47	15	48	11	49	8	50	4	51	1	51	57	52	54	53	51	54	47	28	29	30	31	32	33	34	35	36	37
	40	47	13	48	9	49	5	50	2	50	58	51	55	52	52	53	48	54	44	38	39	40	41	41	42	43	44	45	46
	50	47	12	48	8	49	4	50	1	50	57	51	54	52	50	53	46	54	43	47	48	49	50	51	52	53	54	55	56

Ai m. di alt.

Altezza	m.	+ ″
10°–11°	1	0
	2	0
	3	1
	4	1
	5	1
	6	1
	7	1
	8	2
	9	2
12°–13°	1	0
	2	0
	3	0
	4	0
	5	1
	6	1
	7	1
	8	1
	9	1
14°–15°	1	0
	2	0
	3	0
	4	0
	5	0
	6	0
	7	0
	8	0
	9	0
16°–17°	1	0
	2	0
	3	0
	4	0
	5	1
	6	1
	7	1
	8	1
	9	1
18°–19°	1	0
	2	0
	3	0
	4	1
	5	1
	6	1
	7	1
	8	1
	9	1

TAVOLA VII.

PARALLASSE della luna in altezza, meno la rifrazione.

Altezza appar.		Parallasse orizzontale. 53′		54′		55′		56′		57′		58′		59′		60′		61′		Parti proporzionali. Per li minuti della parallasse. 0″	1″	2″	3″	4″	5″	6″	7″	8″	9″	Ai m′ di all.	
20°	0′	47′	9″	48′	5″	49′	2″	49′	58″	50′	55″	51′	51″	52′	47″	53′	44″	54′	40″	0″	1″	2″	3″	4″	5″	6″	7″	8″	8″	1′	0″
	10	47	7	48	3	49	0	49	56	50	53	51	48	52	45	53	41	54	38	9	10	11	12	13	14	15	16	17	18	2	0
	20	47	6	48	2	48	58	49	55	50	51	51	47	52	43	53	40	54	36	19	20	21	22	[illegible]	23	24	25	26	27	3	1
	30	47	3	48	0	48	56	49	52	50	48	51	45	52	41	53	37	54	33	28	29	30	31	32	33	34	35	36	37	4	1
	40	47	1	47	58	48	54	49	50	50	46	51	42	52	38	53	34	54	30	37	38	39	40	41	42	43	44	45	46	5	1
	50	47	0	47	56	48	52	49	48	50	44	51	41	52	36	53	33	54	29	47	48	49	50	51	51	52	53	54	55	6	1
21	0	46	58	47	54	48	50	49	46	50	42	51	38	52	34	53	30	54	26	0	1	2	3	4	5	6	7	7	8	7	2
	10	46	56	47	53	48	48	49	44	50	40	51	35	52	31	53	27	54	23	9	10	11	12	13	14	15	16	17	18	8	2
	20	46	54	47	50	48	46	49	42	50	37	51	34	52	30	53	25	54	21	19	20	21	21	22	23	24	25	26	27	9	2
	30	46	52	47	47	48	43	49	39	50	35	51	31	52	26	53	22	54	19	28	29	30	31	31	32	33	34	35	36		
	40	46	49	47	45	48	41	49	36	50	32	51	28	52	24	53	20	54	15	37	38	39	40	41	42	43	44	45	46		
	50	46	48	47	44	48	39	49	35	50	31	51	26	52	22	53	18	54	13	47	47	48	49	50	51	52	53	54	55		
22	0	46	45	47	41	48	37	49	32	50	28	51	24	52	19	53	15	54	11	0	1	2	3	4	5	6	6	7	8	1	0
	10	46	43	47	39	48	34	49	30	50	25	51	21	52	16	53	12	54	7	9	10	11	12	13	14	15	16	17	18	2	1
	20	46	40	47	36	48	31	49	27	50	22	51	18	52	13	53	9	54	4	18	19	20	21	22	23	24	25	26	27	3	1
	30	46	38	47	33	48	29	49	24	50	20	51	15	52	11	53	6	54	2	28	29	30	30	31	32	33	34	35	36	4	1
	40	46	36	47	31	48	26	49	21	50	16	51	12	52	6	53	2	53	57	37	38	39	40	41	42	43	43	44	45	5	1
	50	46	33	47	28	48	23	49	19	50	14	51	9	52	5	53	0	53	55	46	47	48	49	50	51	52	53	54	55	6	2
23	0	46	30	47	26	48	21	49	16	50	11	51	6	52	2	52	57	53	52	0	1	2	3	4	5	6	6	7	8	7	2
	10	46	29	47	24	48	19	49	14	50	9	51	4	51	59	52	55	53	50	9	10	11	12	13	14	15	16	17	17	8	2
	20	46	26	47	21	48	16	49	11	50	6	51	2	51	56	52	51	53	47	18	19	20	21	22	23	24	25	26	27	9	2
	30	46	23	47	18	48	13	49	9	50	3	50	58	51	54	52	48	53	43	28	28	29	30	31	32	33	34	35	36		
	40	46	20	47	16	48	10	49	5	50	1	50	55	51	50	52	45	53	40	37	38	39	39	40	41	42	43	44	45		
	50	46	18	47	13	48	8	49	2	49	57	50	52	51	47	52	42	53	37	46	47	48	49	50	50	51	52	53	54		
24	0	46	15	47	10	48	5	49	0	49	54	50	49	51	44	52	39	53	34	0	1	2	3	4	5	5	6	7	8	1	0
	10	46	12	47	7	48	2	48	56	49	51	50	46	51	41	52	35	53	30	9	10	11	12	13	14	15	15	16	17	2	1
	20	46	9	47	4	47	59	48	54	49	48	50	43	51	38	52	32	53	27	18	19	20	21	22	23	24	25	25	26	3	1
	30	46	7	47	1	47	56	48	51	49	46	50	41	51	35	52	30	53	25	27	28	29	30	31	32	33	34	35	35	4	1
	40	46	4	46	58	47	53	48	47	49	42	50	37	51	31	52	25	53	20	36	37	38	39	40	41	42	43	44	45	5	2
	50	46	1	46	56	47	50	48	44	49	39	50	33	51	27	52	22	53	17	46	46	47	48	49	50	51	52	53	54	6	2
25	0	45	58	46	52	47	47	48	41	49	36	50	30	51	24	52	19	53	13	0	1	2	3	4	5	5	6	7	8	7	2
	10	45	55	46	49	47	44	48	38	49	32	50	26	51	21	52	15	53	10	9	10	11	12	13	14	14	15	16	17	8	3
	20	45	51	46	46	47	40	48	34	49	28	50	22	51	17	52	11	53	5	18	19	20	21	22	23	23	24	25	26	9	3
	30	45	48	46	42	47	36	48	30	49	25	50	19	51	13	52	7	53	2	27	28	29	30	31	32	32	33	34	35		
	40	45	45	46	39	47	33	48	27	49	22	50	16	51	10	52	4	52	58	36	37	38	39	40	41	41	42	43	44		
	50	45	42	46	36	47	30	48	24	49	18	50	12	51	6	52	0	52	54	45	46	47	48	49	50	51	51	52	53		
26	0	45	39	46	33	47	27	48	21	49	15	50	9	51	3	51	57	52	51	0	1	2	3	4	4	5	6	7	8	1	0
	10	45	36	46	30	47	24	48	18	49	12	50	6	50	59	51	53	52	47	9	10	11	12	13	13	14	15	16	17	2	1
	20	45	33	46	27	47	20	48	14	49	8	50	2	50	56	51	49	52	43	18	19	20	21	21	22	23	24	25	26	3	1
	30	45	30	46	24	47	17	48	11	49	5	49	59	50	52	51	46	52	39	27	28	29	30	30	31	32	33	34	35	4	1
	40	45	26	46	20	47	13	48	6	49	0	49	54	50	47	51	41	52	35	36	37	38	39	40	40	41	42	43	44	5	2
	50	45	22	46	16	47	10	48	3	48	57	49	50	50	44	51	37	52	31	45	46	47	47	48	49	50	51	52	53	6	2
27	0	45	19	46	13	47	7	48	0	48	53	49	47	50	40	51	34	52	27	0	1	2	3	4	4	5	6	7	8	7	2
	10	45	16	46	9	47	3	47	56	48	50	49	43	50	36	51	30	52	23	9	10	11	12	12	13	14	15	16	17	8	3
	20	45	13	46	6	47	0	47	53	48	46	49	39	50	33	51	26	52	19	18	19	20	20	21	22	23	24	25	26	9	3
	30	45	9	46	2	46	55	47	48	48	42	49	35	50	28	51	21	52	15	27	27	28	29	30	31	32	33	34	35		
	40	45	5	45	59	46	52	47	45	48	38	49	31	50	24	51	17	52	11	35	36	37	38	39	40	41	42	43	43		
	50	45	2	45	55	46	48	47	41	48	34	49	27	50	20	51	14	52	6	44	45	46	47	48	49	50	51	51	52		
28	0	44	59	45	52	46	45	47	38	48	31	49	24	50	16	51	10	52	3	0	1	2	3	4	4	5	6	7	8	1	0
	10	44	56	45	50	46	42	47	35	48	28	49	21	50	14	51	7	52	0	9	10	11	11	12	13	14	15	16	17	2	1
	20	44	52	45	45	46	38	47	30	48	23	49	16	50	9	51	2	51	54	18	18	19	20	21	22	23	24	25	25	3	1
	30	44	49	45	42	46	34	47	27	48	19	49	12	50	5	50	58	51	51	26	27	28	29	30	31	32	32	33	34	4	2
	40	44	45	45	38	46	31	47	23	48	16	49	8	50	1	50	54	51	46	35	36	37	38	39	40	40	41	42	43	5	2
	50	44	41	45	34	46	26	47	19	48	11	49	4	49	56	50	49	51	41	44	45	46	47	47	48	49	50	51	52	6	2
29	0	44	36	45	29	46	21	47	14	48	6	48	59	49	51	50	44	51	36	0	1	2	3	3	4	5	6	7	8	7	3
	10	44	33	45	25	46	18	47	10	48	2	48	55	49	47	50	39	51	32	9	10	10	11	12	13	14	15	16	17	8	3
	20	44	29	45	22	46	14	47	6	47	58	48	51	49	43	50	36	51	28	17	18	19	20	21	22	23	23	24	25	9	4
	30	44	25	45	17	46	9	47	1	47	54	48	46	49	38	50	30	51	22	26	27	28	29	30	30	31	32	33	34		
	40	44	21	45	13	46	5	46	58	47	50	48	42	49	34	50	26	51	18	35	36	37	37	38	39	40	41	42	43		
	50	44	18	45	9	46	2	46	54	47	46	48	38	49	31	50	22	51	14	44	44	45	46	47	48	49	50	50	51		

TAVOLA VII.

Parallasse della luna in altezza, meno la rifrazione.

Altezza appar.		Parallasse orizzontale.																		Parti proporzionali. Per li secondi della parallasse.										Ai m′ di alt.	
		53′		54′		55′		56′		57′		58′		59′		60′		61′		0″	1″	2″	3″	4″	5″	6″	7″	8″	9″		
30°	0′	44′	13″	45′	5″	45′	57″	46′	49″	47′	41″	48′	33″	49′	25″	50′	17″	51′	9″	0″	1″	2″	3″	3″	4″	5″	6″	7″	8″		
	10	44	9	45	1	45	53	46	45	47	37	48	28	49	21	50	12	51	4	9	9	10	11	12	13	14	15	16	16	1′	0″
	20	44	5	44	58	45	49	46	41	47	33	48	25	49	16	50	8	51	0	17	18	19	20	21	22	22	23	24	25	2	1
	30	44	1	44	53	45	44	46	36	47	28	48	19	49	11	50	3	50	55	26	27	28	28	29	30	31	32	33	34	3	1
	40	43	57	44	49	45	41	46	32	47	24	48	15	49	7	49	59	50	50	34	35	36	37	38	39	40	41	41	42	4	2
	50	43	53	44	44	45	36	46	27	47	18	48	10	49	2	49	53	50	45	43	44	45	46	47	47	48	49	50	51	5	2
31	0	43	49	44	40	45	31	46	23	47	15	48	6	48	57	49	49	50	40	0	1	2	3	3	4	5	6	7	8	6	3
	10	43	44	44	36	45	27	46	18	47	9	48	1	48	52	49	43	50	35	9	9	10	11	12	13	14	15	15	16	7	3
	20	43	40	44	31	45	23	46	14	47	5	47	56	48	48	49	39	50	30	17	18	19	20	20	21	22	23	24	25	8	4
	30	43	36	44	27	45	19	46	10	47	1	47	52	48	44	49	35	50	26	26	26	27	28	29	30	31	32	32	33	9	4
	40	43	33	44	24	45	15	46	6	46	57	47	48	48	39	49	30	50	21	34	35	36	37	38	38	39	40	41	42		
	50	43	28	44	19	45	10	46	1	46	52	47	43	48	34	49	25	50	16	43	44	44	45	46	47	48	49	49	50		
32	0	43	24	44	14	45	5	45	56	46	47	47	38	48	29	49	20	50	11	0	1	2	3	3	4	5	6	7	8		
	10	43	19	44	10	45	1	45	51	46	42	47	33	48	23	49	14	50	5	8	9	10	11	12	13	13	14	15	16	1	0
	20	43	15	44	6	44	56	45	47	46	38	47	29	48	19	49	10	50	0	17	18	19	19	20	21	22	23	24	24	2	1
	30	43	10	44	0	44	51	45	42	46	33	47	23	48	14	49	4	49	55	25	26	27	28	28	29	30	31	32	33	3	1
	40	43	6	43	57	44	47	45	37	46	28	47	19	48	9	49	0	49	50	33	34	35	36	37	38	38	39	40	41	4	2
	50	43	1	43	51	44	42	45	32	46	22	47	13	48	3	48	54	49	45	42	43	44	45	46	47	47	48	49	50	5	2
33	0	42	57	43	47	44	38	45	28	46	18	47	8	47	59	48	49	49	40	0	1	2	3	3	4	5	6	7	8	6	3
	10	42	53	43	43	44	33	45	24	46	14	47	4	47	54	48	44	49	35	8	9	10	11	12	13	13	14	15	16	7	3
	20	42	49	43	39	44	29	45	19	46	9	47	0	47	49	48	40	49	30	17	18	18	19	20	21	22	23	23	24	8	4
	30	42	44	43	34	44	24	45	14	46	4	46	54	47	44	48	34	49	24	25	26	27	28	28	29	30	31	32	33	9	4
	40	42	40	43	29	44	20	45	10	45	59	46	49	47	39	48	29	49	19	33	34	35	36	37	38	38	39	40	41		
	50	42	35	43	25	44	14	45	4	45	54	46	44	47	34	48	23	49	13	42	43	43	44	45	46	47	48	48	49		
34	0	42	30	43	20	44	10	45	0	45	50	46	39	47	29	48	18	49	8	0	1	2	2	3	4	5	6	7	7		
	10	42	25	43	15	44	5	44	54	45	44	46	33	47	23	48	12	49	2	8	9	10	11	12	12	13	14	15	16	1	1
	20	42	21	43	10	44	0	44	49	45	39	46	28	47	18	48	8	48	57	16	17	18	19	20	21	21	22	23	24	2	1
	30	42	16	43	5	43	55	44	44	45	34	46	23	47	12	48	2	48	51	25	26	26	27	28	29	30	30	31	32	3	2
	40	42	11	43	1	43	50	44	40	45	29	46	18	47	8	47	57	48	46	33	34	35	35	36	37	38	39	40	40	4	2
	50	42	6	42	55	43	45	44	34	45	23	46	13	47	2	47	51	48	40	41	42	43	44	44	45	46	47	48	49	5	3
35	0	42	2	42	51	43	40	44	29	45	18	46	8	46	57	47	46	48	35	0	1	2	2	3	4	5	6	7	7	6	3
	10	41	57	42	45	43	35	44	24	45	13	46	2	46	51	47	40	48	29	8	9	10	11	11	12	13	14	15	15	7	4
	20	41	52	42	41	43	30	44	19	45	8	45	57	46	46	47	35	48	24	16	17	18	19	20	20	21	22	23	24	8	4
	30	41	47	42	36	43	25	44	13	45	2	45	51	46	40	47	29	48	18	24	25	26	27	28	28	29	30	31	32	9	5
	40	41	43	42	31	43	20	44	9	44	58	45	46	46	35	47	24	48	13	33	33	34	35	36	37	37	38	39	40		
	50	41	37	42	26	43	14	44	3	44	52	45	40	46	29	47	17	48	6	41	42	42	43	44	45	46	46	47	48		
36	0	41	33	42	21	43	10	43	58	44	47	45	35	46	24	47	12	48	1	0	1	2	2	3	4	5	6	6	7		
	10	41	27	42	15	43	4	43	53	44	41	45	29	46	18	47	6	47	55	8	9	10	10	11	12	13	14	14	15	1	1
	20	41	23	42	11	43	0	43	48	44	36	45	24	46	13	47	1	47	49	16	17	18	18	19	20	21	22	23	23	2	1
	30	41	17	42	6	42	54	43	42	44	30	45	18	46	7	46	55	47	43	24	25	26	27	27	28	29	30	31	31	3	2
	40	41	13	42	1	42	49	43	37	44	25	45	13	46	2	46	50	47	38	32	33	34	35	35	36	37	38	39	39	4	2
	50	41	7	41	55	42	43	43	31	44	19	45	7	45	55	46	43	47	31	40	41	42	43	43	44	45	46	47	47	5	3
37	0	41	3	41	51	42	39	43	26	44	14	45	2	45	50	46	38	47	26	0	1	2	2	3	4	5	6	6	7	6	3
	10	40	57	41	45	42	33	43	21	44	8	44	56	45	44	46	32	47	20	8	9	10	10	11	12	13	13	14	15	7	4
	20	40	52	41	40	42	28	43	16	44	3	44	51	45	39	46	27	47	14	16	17	17	18	19	20	21	21	22	23	8	4
	30	40	47	41	34	42	22	43	10	43	57	44	45	45	33	46	20	47	7	24	25	25	26	27	28	29	29	30	31	9	5
	40	40	42	41	30	42	17	43	5	43	52	44	40	45	27	46	14	47	2	32	33	33	34	35	36	36	37	38	39		
	50	40	37	41	24	42	11	42	59	43	46	44	34	45	21	46	8	46	56	40	40	41	42	43	44	44	45	46	47		
38	0	40	32	41	19	42	6	42	54	43	41	44	28	45	15	46	3	46	51	0	1	2	2	3	4	5	5	6	7		
	10	40	26	41	14	42	0	42	48	43	35	44	22	45	9	45	56	46	44	8	9	9	10	11	12	12	13	14	15	1	1
	20	40	20	41	8	41	54	42	42	43	29	44	16	45	3	45	50	46	37	16	16	17	18	19	20	20	21	22	23	2	1
	30	40	15	41	2	41	48	42	36	43	23	44	9	44	56	45	44	46	30	23	24	25	26	27	27	28	29	30	31	3	2
	40	40	10	40	57	41	43	42	30	43	18	44	4	44	51	45	38	46	25	31	32	33	34	34	35	36	37	38	38	4	2
	50	40	4	40	51	41	37	42	24	43	11	43	58	44	45	45	31	46	18	39	40	41	41	42	43	44	45	45	46	5	3
39	0	39	59	40	46	41	32	42	19	43	6	43	52	44	39	45	26	46	13	0	1	2	2	3	4	5	5	6	7	6	3
	10	39	53	40	40	41	26	42	13	42	59	43	46	44	32	45	19	46	5	8	9	9	10	11	12	12	13	14	15	7	4
	20	39	48	40	35	41	21	42	8	42	54	43	41	44	27	45	14	46	0	15	16	17	18	19	19	20	21	22	23	8	4
	30	39	43	40	29	41	15	42	2	42	48	43	34	44	21	45	7	45	53	23	24	25	25	26	27	28	29	29	30	9	5
	40	39	38	40	24	41	10	41	57	42	43	43	29	44	15	45	1	45	48	31	32	32	33	34	35	36	36	37	38		
	50	39	32	40	18	41	4	41	50	42	36	43	22	44	9	44	54	45	40	39	39	40	41	42	42	43	44	45	46		

TAVOLA VII.

Parallasse della luna in altezza, meno la rifrazione.

Altezza appar.	Parallasse orizzontale. 53′	54′	55′	56′	57′	58′	59′	60′	61′	Parti proporzionali. Per li secondi della parallasse. 0″	1″	2″	3″	4″	5″	6″	7″	8″	9″	Ai m. di alt.	
40° 0′	39′ 27″	40′ 13″	40′ 59″	41′ 45″	42′ 31″	43′ 17″	44′ 3″	44′ 49″	45′ 35″	0″	1″	1″	2″	3″	4″	5″	5″	6″	7″		
10	39 21	40 7	40 53	41 38	42 25	43 10	43 56	44 42	45 28	8	8	9	10	11	11	12	13	14	14	1′	1″
20	39 15	40 1	40 47	41 32	42 18	43 4	43 49	44 35	45 21	15	16	17	17	18	19	20	21	21	22	2	1
30	39 9	39 55	40 40	41 26	42 11	42 57	43 43	44 28	45 14	23	24	24	25	26	27	27	28	29	30	3	2
40	39 4	39 49	40 35	41 21	42 6	42 51	43 37	44 23	45 8	30	21	32	33	33	34	35	36	36	37		
50	38 58	39 44	40 29	41 14	42 0	42 45	43 30	44 16	45 1	38	39	40	40	41	42	43	43	44	45	4	2
41 0	38 53	39 38	40 24	41 9	41 54	42 39	43 25	44 10	44 55	0	1	1	2	3	4	4	5	6	7	5	3
10	38 47	39 32	40 17	41 3	41 48	42 33	43 18	44 3	44 48	7	8	9	10	10	11	12	13	13	14	6	4
20	38 42	39 27	40 12	40 57	41 42	42 27	43 12	43 57	44 42	15	16	16	17	18	19	19	20	21	22	7	4
30	38 35	39 20	40 5	40 50	41 35	42 20	43 5	43 50	44 35	22	23	24	25	25	26	27	28	28	29		
40	38 30	39 15	40 0	40 45	41 30	42 15	42 59	43 44	44 29	30	31	31	32	33	34	34	35	36	37	8	5
50	38 24	39 9	39 54	40 39	41 23	42 8	42 53	43 38	44 22	37	38	39	40	40	41	42	43	43	44	9	5
42 0	38 18	39 3	39 47	40 32	41 17	42 1	42 46	43 30	44 15	0	1	1	2	3	4	4	5	6	7		
10	38 12	38 56	39 41	40 26	41 10	41 54	42 39	43 23	44 8	7	8	9	10	10	11	12	13	13	14	1	1
20	38 7	38 51	39 36	40 20	41 4	41 49	42 33	43 17	44 1	15	15	16	17	18	18	19	20	21	21	2	1
30	38 1	38 45	39 29	40 13	40 57	41 42	42 26	43 10	43 54	22	23	24	24	25	26	27	27	28	29	3	2
40	37 55	38 40	39 23	40 8	40 52	41 36	42 20	43 4	43 48	29	30	31	32	32	33	34	35	35	36		
50	37 49	38 33	39 17	40 1	40 45	41 29	42 13	42 57	43 41	37	38	38	39	20	41	41	42	43	43	4	3
43 0	37 44	38 27	39 11	39 56	40 39	41 23	42 7	42 51	43 35	0	1	1	2	3	4	4	5	6	7	5	3
10	37 38	38 21	39 5	39 48	40 32	41 16	42 0	42 44	43 27	7	8	9	9	10	11	12	12	13	14	6	4
20	37 31	38 15	38 59	39 42	40 26	41 9	41 53	42 36	43 20	15	15	16	17	17	18	19	20	20	21		
30	37 25	38 8	38 52	39 35	40 19	41 2	41 46	42 29	43 13	22	22	23	24	25	25	26	27	28	28	7	5
40	37 19	38 3	38 46	39 30	40 13	40 57	41 40	42 23	43 7	29	30	30	31	32	33	33	34	35	36	8	5
50	37 13	37 56	38 39	39 23	40 6	40 49	41 33	42 16	42 59	36	37	38	38	39	40	41	41	42	43	9	6
44 0	37 8	37 50	38 34	39 17	40 0	40 43	41 26	42 10	42 53	0	1	1	2	3	4	4	5	6	6		
10	37 1	37 44	38 27	39 10	39 53	40 36	41 19	42 2	42 46	7	8	9	9	10	11	11	12	13	14	1	1
20	36 55	37 38	38 20	39 4	39 46	40 29	41 12	41 55	42 38	14	15	16	16	17	18	19	19	20	21	2	1
30	36 48	37 31	38 14	38 56	39 40	40 22	41 5	41 48	42 31	21	22	23	24	24	25	26	26	27	28	3	2
40	36 42	37 26	38 8	38 51	39 33	40 16	40 59	41 41	42 24	29	29	30	31	31	32	33	34	34	35		
50	36 36	37 18	38 1	38 44	39 26	40 9	40 51	41 34	42 17	36	36	37	38	39	39	40	41	41	42	4	3
45 0	36 31	37 13	37 55	38 38	39 21	40 3	40 45	41 28	42 10	0	1	1	2	3	4	4	5	6	6	5	3
10	36 25	37 7	37 49	38 31	39 14	39 56	40 39	41 21	42 3	7	8	8	9	10	11	11	12	13	13	6	4
20	36 18	37 0	37 42	38 24	39 6	39 48	40 31	41 13	41 55	14	15	15	16	17	18	18	19	20	20	7	5
30	36 11	36 53	37 35	38 17	38 59	39 41	40 23	41 5	41 48	21	22	22	23	24	25	25	26	27	27		
40	36 5	36 47	37 29	38 11	38 53	39 35	40 17	40 59	41 41	28	29	29	30	31	32	32	33	34	34	8	5
50	35 59	36 40	37 22	38 4	38 46	39 28	40 10	40 51	41 33	35	36	36	37	38	39	39	40	41	41	9	6
46 0	35 53	36 35	37 17	37 58	38 40	39 21	40 3	40 45	41 26	0	1	1	2	3	4	4	5	6	6		
10	35 47	36 28	37 9	37 51	38 33	39 14	39 56	40 37	41 19	7	8	8	9	10	10	11	12	12	13	1	1
20	35 39	36 21	37 3	37 44	38 26	39 7	39 48	40 30	41 11	14	14	15	16	17	17	18	19	19	20	2	1
30	35 33	36 14	36 56	37 37	38 18	38 59	39 41	40 22	41 3	21	21	22	23	23	24	25	25	26	27	3	2
40	35 27	36 9	36 49	37 31	38 12	38 53	39 34	40 15	40 57	28	28	29	30	30	31	32	32	33	34		
50	35 21	46 1	36 43	37 24	38 5	38 46	39 27	40 8	40 49	34	35	36	36	37	38	39	39	40	41	4	3
47 0	35 15	35 56	36 37	37 17	37 58	38 40	39 20	40 1	40 42	0	1	1	2	3	3	4	5	5	6	5	4
10	35 8	35 49	36 29	37 10	37 51	38 32	39 13	39 53	40 34	7	7	8	9	9	10	11	11	12	13	6	4
20	35 1	35 42	36 23	37 3	37 44	38 25	39 5	39 46	40 26	14	14	15	16	16	17	18	18	19	20	7	5
30	34 55	35 35	36 16	36 56	37 37	38 17	38 58	39 38	40 19	20	21	22	22	23	24	24	25	26	26		
40	34 48	35 29	36 9	36 50	37 30	38 11	38 51	39 32	40 12	27	28	28	29	30	30	31	32	32	33	8	6
50	34 42	35 22	36 2	36 42	37 22	38 3	38 44	39 24	40 4	34	34	35	36	37	37	38	39	39	40	9	6
48 0	34 36	35 16	35 56	36 36	37 16	37 57	38 37	39 17	39 57	0	1	1	2	3	3	4	5	5	6		
10	34 29	35 9	35 49	36 29	37 9	37 49	38 29	39 9	39 49	7	7	8	9	9	10	11	11	12	13	1	1
20	34 22	35 2	35 42	36 22	37 1	37 42	38 21	39 1	39 41	13	14	15	15	16	17	17	18	19	19	2	1
30	34 15	34 55	35 34	36 15	36 54	37 34	38 13	38 54	39 33	20	21	21	22	23	23	24	25	25	26	3	2
40	34 9	34 49	35 28	36 8	36 47	37 28	38 7	38 47	39 24	27	27	28	29	29	30	30	31	32	32		
50	34 2	34 42	35 21	36 1	36 40	37 20	37 59	38 39	39 18	33	34	34	35	36	36	37	38	38	39	4	3
49 0	33 55	34 35	35 14	35 53	36 33	37 12	37 52	38 31	39 10	0	1	1	2	3	3	4	5	5	6	5	4
10	33 48	34 28	35 7	35 46	36 25	37 4	37 44	38 23	39 2	6	7	8	8	9	10	10	11	12	12	6	4
20	33 42	34 21	35 0	35 39	36 18	36 58	37 37	38 16	38 55	13	14	14	15	16	16	17	18	18	19	7	5
30	33 35	34 14	34 53	35 32	36 11	36 50	37 29	38 8	38 47	19	20	21	21	22	23	23	24	25	25		
40	33 29	34 8	34 46	35 26	36 4	36 43	37 22	38 1	38 40	26	27	27	28	29	29	30	31	31	32	8	6
50	33 22	34 1	34 40	35 18	35 57	36 36	37 15	37 53	38 32	32	33	34	34	35	36	36	37	38	38	9	6

TAVOLA VII.

Parallasse della luna in altezza meno la rifrazione.

Altezza appar.		Parallasse orizzontale.									Parti proporzionali. Per li secondi della parallasse.										Ai m. di alt.	
		53′	54′	55′	56′	57′	58′	59′	60′	61′	0″	1″	2″	3″	4″	5″	6″	7″	8″	9″	′	″
50°	0	33′ 15″	33′ 54″	34′ 32″	35′ 11″	35′ 49″	36′ 28″	37′ 6″	37′ 45″	38′ 24″	0″	1″	1″	2″	3″	3″	4″	4″	5″	6″		—
	10	33 8	33 46	34 25	35 3	35 42	36 20	36 58	37 37	38 15	6	7	7	8	9	10	10	11	11	12	1	1
	20	33 2	33 40	34 19	34 57	35 35	36 13	36 52	37 30	38 8	13	13	14	15	15	16	17	17	18	18	2	2
	30	32 55	33 33	34 11	34 49	35 28	36 5	36 44	37 22	38 0	19	20	20	21	22	22	23	24	24	25		
	40	32 47	33 26	34 4	34 41	35 20	35 58	36 36	37 14	37 52	25	26	27	27	28	29	29	30	31	31	3	2
	50	32 41	33 19	33 57	34 35	35 13	35 51	36 29	37 6	37 45	32	32	33	34	34	35	36	36	37	38	4	3
51	0	32 34	33 12	33 50	34 27	35 5	35 43	36 21	36 59	37 36	0	1	1	2	2	3	4	4	5	6	5	4
	10	32 27	33 5	33 42	34 20	34 57	35 35	36 13	36 50	37 28	6	7	7	8	9	9	10	11	11	12	6	5
	20	32 21	32 58	33 36	34 13	34 51	35 28	36 6	36 43	37 21	12	13	14	14	15	16	16	17	17	18	7	5
	30	32 13	32 51	33 28	34 6	34 43	35 21	35 58	36 35	37 12	19	19	20	21	21	22	22	23	24	24		
	40	32 6	32 43	33 21	33 57	34 35	35 12	35 49	36 27	37 4	25	26	26	27	28	29	29	30	30	31	8	6
	50	31 59	32 36	33 13	33 51	34 27	35 4	35 42	36 19	36 56	31	32	32	33	34	34	35	35	36	37	9	7
52	0	31 52	32 29	33 6	33 43	34 19	34 57	35 33	36 10	36 48	0	1	1	2	2	3	4	4	5	5	—	—
	10	31 45	32 21	32 58	33 35	34 12	34 49	35 25	36 2	36 39	6	7	7	8	9	9	10	10	11	12	1	1
	20	31 38	32 15	32 52	33 28	34 5	34 41	35 18	35 55	36 32	12	13	13	14	15	15	16	16	17	18	2	2
	30	31 31	32 7	32 44	33 20	33 57	34 34	35 10	35 47	36 23	18	19	19	20	21	21	22	23	23	24		
	40	31 23	32 0	32 36	33 13	33 49	34 25	35 2	35 38	36 14	24	25	26	26	27	27	28	29	29	30	3	2
	50	31 17	31 53	32 30	33 6	33 42	34 18	34 54	35 31	36 7	30	31	32	32	33	33	34	35	35	36	4	3
53	0	31 10	31 46	32 22	32 58	33 34	34 11	34 47	35 23	35 59	0	1	1	2	2	3	4	4	5	5	5	4
	10	31 2	31 38	32 14	32 50	33 26	34 2	34 38	35 14	35 50	6	6	7	8	8	9	10	10	11	11	6	5
	20	30 56	31 32	32 7	32 43	33 19	33 55	34 31	35 7	35 43	12	12	13	14	14	15	15	16	17	17	7	5
	30	30 49	31 24	32 0	32 36	33 11	33 47	34 22	34 58	35 34	18	18	19	20	20	21	21	22	23	23		
	40	30 41	31 16	31 52	32 28	33 3	33 39	34 15	34 50	35 25	24	24	25	26	26	27	27	28	29	29	8	6
	50	30 35	31 10	31 46	32 21	32 56	33 32	34 7	34 43	35 18	30	30	31	32	32	33	33	34	35	35	9	7
54	0	30 27	31 2	31 38	32 13	32 48	33 23	33 59	34 34	35 9	0	1	1	2	2	3	3	4	5	5	—	—
	10	30 20	30 55	31 30	32 5	32 40	33 15	33 50	34 26	35 1	6	6	7	8	8	9	9	10	10	11	1	1
	20	30 12	30 47	31 22	31 57	32 32	33 7	33 43	34 17	34 52	12	12	13	13	14	15	15	16	16	17	2	2
	30	30 5	30 40	31 14	31 49	32 24	32 59	33 34	34 8	34 43	17	18	19	19	20	20	21	21	22	23		
	40	29 57	30 32	31 7	31 41	32 16	32 50	33 25	34 0	34 35	23	24	24	25	25	26	27	27	28	28	3	2
	50	29 51	30 25	31 0	31 34	32 9	32 44	33 18	33 53	34 27	29	30	30	31	31	32	32	33	34	34	4	3
55	0	29 43	30 17	30 52	31 26	32 0	32 35	33 9	33 44	34 18	0	1	1	2	2	3	3	4	5	5	5	4
	10	29 35	30 9	30 44	31 18	31 53	32 27	33 1	33 35	34 9	6	6	7	7	8	8	9	10	10	11	6	5
	20	29 29	30 3	30 37	31 11	31 45	32 19	32 54	33 28	34 2	11	12	12	13	14	14	15	15	16	16	7	6
	30	29 21	29 55	30 29	31 3	31 37	32 11	32 45	33 19	33 53	17	18	18	19	19	20	20	21	22	22		
	40	29 13	29 48	30 21	30 53	31 29	32 3	32 37	33 10	33 44	23	23	24	24	25	25	26	27	27	28	8	6
	50	29 7	29 41	30 14	30 48	31 22	31 55	32 29	33 3	33 37	28	29	29	30	31	31	32	32	33	33	9	7
56	0	28 59	29 33	30 7	30 40	31 13	31 -47	32 20	32 54	33 28	0	1	1	2	2	3	3	4	4	5	—	—
	10	28 52	29 25	29 58	30 32	31 5	31 38	32 12	32 46	33 19	6	6	7	7	8	8	9	9	10	10	1	1
	20	28 44	29 17	29 50	30 23	30 57	31 30	32 4	32 37	33 10	11	12	12	13	13	14	14	15	15	16	2	2
	30	28 36	29 9	29 43	30 16	30 49	31 22	31 55	32 28	33 1	17	17	18	18	19	19	20	20	21	22		
	40	28 28	29 1	29 34	30 7	30 40	31 13	31 46	32 19	32 52	22	23	23	24	24	25	25	26	26	27	3	2
	50	28 22	28 54	29 27	30 0	30 33	31 6	31 39	32 11	32 44	28	28	29	29	30	30	31	31	32	33	4	3
57	0	28 14	28 47	29 20	29 52	30 24	30 57	31 30	32 3	32 35	0	1	1	2	2	3	3	4	4	5	5	4
	10	28 6	28 39	29 11	29 44	30 17	30 49	31 21	31 54	32 26	5	6	6	7	8	8	9	9	10	10	6	5
	20	28 0	28 32	29 4	29 37	30 9	30 42	31 14	31 46	32 18	11	11	12	12	13	13	14	14	15	16	7	6
	30	27 52	28 24	28 56	29 28	30 1	30 33	31 5	31 37	32 10	16	17	17	18	18	19	19	20	20	21		
	40	27 44	28 16	28 48	29 20	29 52	30 24	30 57	31 28	32 1	21	22	23	23	24	24	25	25	26	26	8	6
	50	27 37	28 9	28 41	29 13	29 45	30 17	30 49	31 20	31 53	27	27	28	28	29	30	30	31	31	32	9	7
58	0	27 29	28 1	28 33	29 5	29 37	30 8	30 40	31 12	31 44	0	1	1	2	2	3	3	4	4	5	—	—
	10	27 21	27 53	28 25	28 56	29 28	29 59	30 31	31 3	31 34	5	6	6	7	7	8	8	9	9	10	1	1
	20	27 13	27 45	28 16	28 48	29 19	29 51	30 22	30 54	31 25	10	11	11	12	13	13	14	14	15	15	2	2
	30	27 5	27 37	28 8	28 40	29 11	29 42	30 14	30 45	31 16	16	16	17	17	18	18	19	19	20	20		
	40	26 58	27 29	28 0	28 31	29 2	29 34	30 5	30 36	31 7	21	21	22	22	23	23	24	25	25	26	3	3
	50	26 51	27 22	27 53	28 24	28 55	29 26	29 57	30 28	30 59	26	27	27	28	28	29	29	30	30	31	4	3
59	0	26 43	27 14	27 45	28 15	28 47	29 17	29 48	30 19	30 50	0	1	1	2	2	3	3	4	4	5	5	4
	10	26 35	27 6	27 36	28 7	28 38	29 9	29 39	30 10	30 41	5	6	6	7	7	8	8	9	9	10	6	5
	20	26 28	26 58	27 29	28 0	28 30	29 1	29 31	30 2	30 33	10	11	11	12	12	13	13	14	14	15	7	6
	30	26 20	26 51	27 21	27 51	28 22	28 52	29 22	29 53	30 24	15	16	16	17	17	18	18	19	19	20		
	40	26 12	26 42	27 13	27 43	28 13	28 43	29 14	29 44	30 15	20	21	21	22	22	23	23	24	24	25	8	7
	50	26 4	26 34	27 4	27 34	28 4	28 33	29 5	29 35	30 5	25	26	26	27	27	28	28	29	29	30	9	7

TAVOLA VII.

Parallasse della luna in altezza, meno la rifrazione.

Altezza appar.	Parallasse orizzontale.																		Parti proporzionali. Per li secondi della parallasse.										Ai m. di alt.	
	53′		54′		55′		56′		57′		58′		59′		60′		61′		0″	1″	2″	3″	4″	5″	6″	7″	8″	9″		
60° 0	25′	56″	26′	26″	26′	56″	27′	26″	27′	56″	28′	26″	28′	56″	29′	26″	29′	56″	0″	0″	1″	1″	2″	2″	3″	3″	4″	4″		
10	25	48	26	18	26	48	27	18	27	48	28	17	28	47	29	17	29	47	5	5	6	6	7	7	8	8	9	9	1′	1″
20	25	41	26	11	26	40	27	10	27	40	28	10	28	39	29	9	29	38	10	10	11	11	12	12	13	13	14	14	2	2
30	25	33	26	2	26	32	27	2	27	31	28	1	28	30	29	0	29	29	15	15	16	16	17	17	18	18	19	19	3	3
40	25	25	25	54	26	23	26	53	27	22	27	52	28	21	28	50	29	20	20	20	21	21	22	22	23	23	24	24	4	3
50	25	18	25	47	26	16	26	45	27	15	27	44	28	13	28	42	29	12	25	25	26	26	27	27	28	28	29	29	5	4
61 0	25	9	25	39	26	8	26	37	27	6	27	35	28	4	28	33	29	2	0	0	1	1	2	2	3	3	4	4	6	5
10	25	2	25	30	25	59	26	29	26	57	27	26	27	55	28	24	28	53	5	5	6	6	7	7	8	8	9	9	7	6
20	24	53	25	22	25	51	26	20	26	48	27	17	27	46	28	15	28	44	10	10	10	11	11	12	12	13	13	14	8	7
30	24	45	25	14	25	42	26	11	26	40	27	9	27	37	28	6	28	35	14	15	15	16	16	17	17	18	18	19	9	8
40	24	37	25	6	25	34	26	2	26	31	27	0	27	28	27	57	28	25	19	20	20	21	21	21	22	22	23	23		
50	24	30	24	58	25	27	25	55	26	24	26	52	27	20	27	48	28	16	24	24	25	25	26	26	27	27	28	28		
62 0	24	22	24	50	25	18	25	46	26	15	26	43	27	11	27	39	28	7	0	0	1	1	2	2	3	3	4	4		
10	24	14	24	42	25	10	25	38	26	6	26	34	27	2	27	30	27	58	5	5	6	6	6	7	7	8	8	9	1	1
20	24	7	24	34	25	2	25	30	25	58	26	26	26	54	27	22	27	49	9	10	10	11	11	12	12	12	13	13	2	2
30	23	58	24	26	24	54	25	22	25	49	26	17	26	44	27	12	27	40	14	14	15	15	16	16	17	17	18	18	3	3
40	23	50	24	17	24	45	25	13	25	40	26	8	26	35	27	3	27	31	18	19	19	20	20	21	21	22	22	23	4	4
50	23	42	24	10	24	37	25	4	25	32	25	59	26	26	26	53	27	21	23	24	24	24	25	25	26	26	27	27	5	4
63 0	23	34	24	1	24	28	24	55	25	23	25	50	26	17	26	44	27	11	0	0	1	1	2	2	3	3	4	4	6	5
10	23	25	23	53	24	20	24	47	25	14	25	41	26	8	26	35	27	2	4	5	5	6	6	7	7	8	8	8	7	6
20	23	18	23	45	24	12	24	39	25	6	25	33	26	0	26	27	26	54	9	9	10	10	11	11	12	12	12	13	8	7
30	23	10	23	36	24	3	24	30	24	57	25	24	25	51	26	17	26	44	13	14	14	15	15	16	16	17	17	17	9	8
40	23	2	23	28	23	55	24	21	24	48	25	15	25	41	26	8	26	35	18	18	19	19	20	20	21	21	21	22		
50	22	54	23	21	23	47	24	14	24	40	25	7	25	33	26	0	26	26	22	23	23	24	24	25	25	25	26	26		
64 0	22	46	23	12	23	39	24	5	24	31	24	58	25	24	25	50	26	16	0	0	1	1	2	2	3	3	3	4		
10	22	38	23	4	23	30	23	56	24	22	24	48	25	16	25	41	26	7	4	5	5	6	6	6	7	7	8	8	1	1
20	22	30	22	55	23	21	23	48	24	13	24	39	25	5	25	31	25	57	9	9	9	10	10	11	11	12	12	12	2	2
30	22	21	22	47	23	13	23	39	24	4	24	30	24	56	25	22	25	48	13	13	14	14	15	15	15	16	16	17	3	3
40	22	13	22	39	23	4	23	30	23	55	24	21	24	47	25	12	25	38	17	18	18	18	19	19	20	20	21	21	4	4
50	22	5	22	31	22	56	23	22	23	47	24	13	24	38	25	4	25	29	22	22	22	23	23	24	24	25	25	25	5	4
65 0	21	57	22	22	22	47	23	13	23	38	24	4	24	29	24	55	25	20	0	0	1	1	2	2	2	3	3	4	6	5
10	21	49	22	14	22	39	23	4	23	29	23	55	24	20	24	45	25	10	4	5	5	5	6	6	7	7	7	8	7	6
20	21	40	22	5	22	30	22	55	23	20	23	46	24	10	24	35	25	1	8	9	9	10	10	10	11	11	12	12	8	7
30	21	32	21	56	22	22	22	46	23	11	23	36	24	1	24	26	24	51	12	13	13	14	14	14	15	15	16	16	9	8
40	21	23	21	48	22	13	22	37	23	2	23	27	23	52	24	16	24	41	17	17	17	18	18	19	19	19	20	20		
50	21	16	21	41	22	5	22	30	22	54	23	18	23	43	24	8	24	32	21	21	21	22	22	23	23	24	24	24		
66 0	21	8	21	32	21	56	22	21	22	45	23	9	23	34	23	58	24	23	0	0	1	1	2	2	2	3	3	4		
10	20	59	21	23	21	48	22	12	22	36	23	0	23	24	23	48	24	13	4	4	5	5	6	6	6	7	7	8	1	1
20	20	52	21	16	21	40	22	4	22	28	22	52	23	16	23	40	24	4	8	8	9	9	10	10	10	11	11	12	2	2
30	20	43	21	7	21	31	21	55	22	19	22	43	23	7	23	31	23	54	12	12	13	13	14	14	14	15	15	16	3	3
40	20	35	20	58	21	22	21	46	22	10	22	33	22	57	23	21	23	45	16	16	17	17	18	18	18	19	19	20	4	4
50	20	26	20	49	21	13	21	37	22	0	22	24	22	48	23	11	23	35	20	20	21	21	21	22	22	23	23	23	5	5
67 0	20	18	20	41	21	4	21	28	21	51	22	15	22	38	23	1	23	25	0	0	1	1	2	2	2	3	3	3	6	5
10	20	9	20	32	20	55	21	19	21	42	22	6	22	29	22	52	23	15	4	4	5	5	5	6	6	6	7	7	7	6
20	20	1	20	25	20	48	21	11	21	34	21	57	22	20	22	43	23	7	8	8	8	9	9	10	10	10	11	11	8	7
30	19	53	20	16	20	39	21	2	21	25	21	48	22	11	22	34	22	56	11	12	12	13	13	13	14	14	14	15	9	8
40	19	44	20	7	20	30	20	53	21	16	21	38	22	1	22	24	22	47	15	16	16	16	17	17	18	18	18	19		
50	19	36	19	58	20	21	20	44	21	7	21	29	21	52	22	14	22	37	19	19	20	20	21	21	21	22	22	22		
68 0	19	27	19	50	20	12	20	35	20	57	21	20	21	42	22	5	22	27	0	0	1	1	2	2	2	3	3	3		
10	19	19	19	41	20	3	20	26	20	48	21	10	21	32	21	55	22	17	4	4	4	5	5	5	6	6	7	7	1	1
20	19	11	19	33	19	56	20	18	20	39	21	2	21	24	21	46	22	8	7	8	8	8	9	9	10	10	10	11	2	2
30	19	2	19	24	19	47	20	8	20	30	20	53	21	14	21	36	21	59	11	11	12	12	12	13	13	14	14	14	3	3
40	18	54	19	15	19	38	19	59	20	21	20	43	21	3	21	25	21	49	15	15	15	16	16	16	16	18	18	18	4	4
50	18	46	19	8	19	30	19	51	20	13	20	34	20	56	21	18	21	40	18	19	19	19	20	20	20	21	21	22	5	5
69 0	18	37	18	59	19	21	19	42	20	4	20	25	20	46	21	8	21	30	0	0	1	1	1	2	2	2	3	3	6	6
10	18	29	18	51	19	12	19	33	19	54	20	16	20	36	20	58	21	19	4	4	4	5	5	5	6	6	6	7	7	6
20	18	21	18	42	19	3	19	24	19	45	20	6	20	27	20	49	21	10	7	7	8	8	8	9	9	9	10	10	8	7
30	18	12	18	33	18	54	19	15	19	36	19	57	20	18	20	39	21	0	11	11	11	12	12	12	13	13	13	14	9	8
40	18	3	18	24	18	45	19	6	19	27	19	46	20	8	20	29	20	50	14	14	15	15	15	16	16	16	17	17		
50	17	55	18	16	18	37	18	58	19	18	19	39	19	59	20	20	20	41	18	18	18	19	19	19	20	20	20	21		

TAVOLA VII.

Parallasse della luna in altezza, meno la rifrazione.

Altezza appar.		Parallasse orizzontale.									Parti proporzionali. Per li secondi della parallasse.										Ai m. di alt.	
		53'	54'	55'	56'	57'	58'	59'	60'	61'	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"		
70°	0'	17' 47"	18' 7"	18' 28"	18' 48"	19' 9"	19' 29"	19' 50"	20' 10"	20' 31"	0"	0"	1"	1"	1"	2"	2"	2"	3"	3"		—
	10	17 38	17 58	18 19	18 39	18 59	19 20	19 40	20 1	20 21	3	4	4	4	5	5	5	6	6	6	1'	1"
	20	17 29	17 49	18 10	18 30	18 50	19 10	19 31	19 50	20 11	7	7	7	8	8	8	9	9	9	10	2	2
	30	17 20	17 41	18 1	18 20	18 41	19 1	19 20	19 41	20 1	10	10	11	11	11	12	12	12	13	13	3	3
	40	17 13	17 33	17 53	18 12	18 32	18 52	19 12	19 32	19 51	13	14	14	14	15	15	15	16	16	16		
	50	17 4	17 24	17 44	18 3	18 23	18 42	19 2	19 22	19 42	17	17	17	18	18	18	19	19	19	20	4	4
71	0	16 56	17 15	17 35	17 54	18 14	18 33	18 53	19 12	19 32	0	0	1	1	1	2	2	2	3	3	5	5
	10	16 47	17 6	17 25	17 45	18 4	18 23	18 43	19 2	19 21	3	3	4	4	4	5	5	5	6	6	6	6
	20	16 38	16 57	17 16	17 35	17 54	18 14	18 33	18 52	19 11	6	7	7	7	8	8	8	9	9	9	7	6
	30	16 29	16 48	17 7	17 26	17 45	18 4	18 23	18 42	19 2	10	10	10	10	11	11	11	12	12	12		
	40	16 21	16 40	16 59	17 18	17 37	17 55	18 15	18 33	18 52	13	13	13	14	14	14	15	15	15	16	8	7
	50	16 12	16 31	16 50	17 9	17 27	17 46	18 5	18 24	18 42	16	16	16	17	17	17	18	18	18	19	9	8
72	0	16 4	16 22	16 41	16 59	17 18	17 36	17 55	18 13	18 32	0	0	1	1	1	2	2	2	2	3		
	10	15 55	16 13	16 31	16 50	17 9	17 27	17 45	18 3	18 22	3	3	4	4	4	5	5	5	5	6	1	1
	20	15 46	16 4	16 22	16 41	16 59	17 17	17 36	17 54	18 12	6	6	7	7	7	8	8	8	8	9	2	2
	30	15 37	15 55	16 13	16 31	16 49	17 7	17 25	17 43	18 1	9	9	10	10	10	11	11	11	11	12	3	3
	40	15 29	15 47	16 5	16 23	16 41	16 59	17 17	17 35	17 52	12	12	13	13	13	14	14	14	14	15		
	50	15 20	15 38	15 56	16 14	16 31	16 49	17 7	17 25	17 42	15	15	16	16	16	17	17	17	17	18	4	4
73	0	15 12	15 29	15 47	16 4	16 22	16 40	16 57	17 14	17 32	0	0	1	1	1	1	2	2	2	3	5	5
	10	15 3	15 20	15 38	15 55	16 13	16 30	16 47	17 5	17 22	3	3	3	4	4	4	5	5	5	5	6	6
	20	14 54	15 11	15 28	15 46	16 3	16 20	16 37	16 55	17 12	6	6	6	7	7	7	7	8	8	8	7	7
	30	14 45	15 2	15 19	15 36	15 53	16 10	16 28	16 44	17 2	9	9	9	9	10	10	10	11	11	11		
	40	14 37	14 54	15 11	15 28	15 45	16 2	16 18	16 35	16 52	11	12	12	12	12	13	13	13	14	14	8	8
	50	14 29	14 45	15 2	15 18	15 35	15 52	16 9	16 26	16 42	14	14	15	15	15	16	16	16	16	17	9	9
74	0	14 20	14 36	14 53	15 9	15 26	15 42	15 59	16 15	16 32	0	0	1	1	1	1	2	2	2	2		
	10	14 11	14 27	14 44	15 0	15 16	15 32	15 49	16 5	16 21	3	3	3	3	4	4	4	5	5	5	1	1
	20	14 2	14 18	14 34	14 50	15 6	15 23	15 39	15 55	16 11	5	6	6	6	6	7	7	7	7	8	2	2
	30	13 53	14 9	14 25	14 41	14 57	15 13	15 29	15 45	16 1	8	8	9	9	9	9	10	10	10	10	3	3
	40	13 45	14 1	14 16	14 33	14 48	15 4	15 20	15 36	15 52	11	11	11	11	12	12	12	13	13	13		
	50	13 36	13 52	14 7	14 23	14 39	14 54	15 10	15 26	15 42	13	14	14	14	14	15	15	15	15	16	4	4
75	0	13 27	13 43	13 58	14 13	14 29	14 45	15 0	15 16	15 31	0	0	1	1	1	1	2	2	2	2	5	5
	10	13 18	13 33	13 49	14 4	14 19	14 35	14 50	15 6	15 21	3	3	3	3	4	4	4	4	5	5	6	6
	20	13 9	13 24	13 40	13 55	14 10	14 25	14 40	14 55	15 10	5	5	6	6	6	6	7	7	7	7	7	7
	30	13 0	13 15	13 30	13 45	14 0	14 15	14 30	14 45	15 0	8	8	8	8	9	9	9	9	10	10		
	40	12 52	13 7	13 22	13 37	13 52	14 7	14 22	14 36	14 51	10	10	11	11	11	11	12	12	12	12	8	8
	50	12 43	12 58	13 13	13 28	13 42	13 57	14 11	14 26	14 41	13	13	13	13	14	14	14	14	15	15	9	9
76	0	12 34	12 49	13 4	13 18	13 32	13 47	14 1	14 16	14 31	0	0	0	1	1	1	1	2	2	2		
	10	12 25	12 40	12 54	13 8	13 23	13 37	13 52	14 6	14 20	2	3	3	3	3	3	4	4	4	4	1	1
	20	12 16	12 31	12 44	12 59	13 13	13 27	13 41	13 56	14 10	5	5	5	6	6	6	6	6	7	7	2	2
	30	12 7	12 22	12 35	12 49	13 4	13 17	13 31	13 46	13 59	7	7	7	8	8	8	8	9	9	9	3	3
	40	11 59	12 13	12 27	12 41	12 55	13 9	13 23	13 36	13 50	9	10	10	10	10	10	11	11	11	11		
	50	11 50	12 4	12 18	12 32	12 45	12 59	13 12	13 26	13 39	12	12	12	12	13	13	13	13	14	14	4	4
77	0	11 41	11 55	12 8	12 22	12 35	12 49	13 2	13 16	13 29	0	0	0	1	1	1	1	2	2	2	5	5
	10	11 32	11 45	11 59	12 12	12 26	12 40	12 53	13 7	13 20	2	2	3	3	3	3	4	4	4	4	6	6
	20	11 24	11 37	11 51	12 3	12 16	12 30	12 43	12 57	13 10	4	5	5	5	5	6	6	6	6	6	7	7
	30	11 15	11 28	11 41	11 54	12 7	12 21	12 34	12 47	13 0	7	7	7	7	7	8	8	8	8	9		
	40	11 6	11 19	11 32	11 45	11 58	12 11	12 24	12 37	12 49	9	9	9	9	10	10	10	10	10	11	8	8
	50	10 58	11 11	11 23	11 36	11 49	12 1	12 14	12 26	12 39	11	11	11	12	12	12	12	12	13	13	9	9
78	0	10 49	11 2	11 14	11 26	11 39	11 51	12 4	12 16	12 29	0	0	0	1	1	1	1	1	2	2		
	10	10 40	10 52	11 5	11 17	11 29	11 42	11 54	12 6	12 19	2	2	2	3	3	3	3	3	4	4	1	1
	20	10 31	10 43	10 55	11 8	11 20	11 32	11 44	11 56	12 8	4	4	4	5	5	5	5	5	6	6	2	2
	30	10 22	10 34	10 46	10 58	11 10	11 22	11 34	11 46	11 58	6	6	6	7	7	7	7	7	8	8	3	3
	40	10 14	10 26	10 38	10 49	11 1	11 12	11 24	11 36	11 48	8	8	8	9	9	9	9	9	10	10		
	50	10 5	10 17	10 28	10 39	10 51	11 3	11 14	11 26	11 38	10	10	10	11	11	11	11	11	12	12	4	4
79	0	9 56	10 7	10 18	10 30	10 41	10 53	11 4	11 16	11 27	0	0	0	1	1	1	1	1	1	2	5	5
	10	9 47	9 58	10 9	10 21	10 32	10 43	10 54	11 6	11 17	2	2	2	2	3	3	3	3	3	3	6	6
	20	9 38	9 48	10 0	10 11	10 22	10 33	10 44	10 56	11 7	4	4	4	4	4	5	5	5	5	5	7	7
	30	9 29	9 39	9 50	10 2	10 13	10 24	10 35	10 46	10 57	5	6	6	6	6	6	7	7	7	7		
	40	9 21	9 31	9 42	9 52	10 3	10 14	10 25	10 35	10 46	7	7	8	8	8	8	8	9	9	9	8	8
	50	9 12	9 22	9 33	9 43	9 53	10 4	10 15	10 25	10 36	9	9	9	10	10	10	10	11	11	11	9	9

TAVOLA VII.

Parallasse della luna in altezza meno la rifrazione.

Altezza appar.	Parallasse orizzontale. 53′		54′		55′		56′		57′		58′		59′		60′		61′		Parti proporzionali. Per li secondi della parallasse. 0″	1″	2″	3″	4″	5″	6″	7″	8″	9″	Ai m. di alt.	
80° 0	9′	2″	9′	13″	9′	23″	9′	33″	9′	44″	9′	54″	10′	5″	10′	15″	10′	25″	0″	0″	0″	0″	1″	1″	1″	1″	1″	1″		—
10	8	53	9	3	9	14	9	24	9	34	9	44	9	55	10	5	10	15	2	2	2	2	2	2	3	3	3	3	1″	1″
20	8	44	8	54	9	4	9	15	9	25	9	35	9	45	9	55	10	5	3	3	4	4	4	4	4	4	5	5	2	2
30	8	35	8	45	8	55	9	5	9	15	9	25	9	35	9	45	9	55	5	5	5	5	6	6	6	6	6	6	3	3
40	8	27	8	36	8	46	8	56	9	5	9	15	9	25	9	34	9	44	7	7	7	7	7	7	8	8	8	8		
50	8	17	8	27	8	37	8	46	8	56	9	5	9	15	9	24	9	34	8	8	9	9	9	9	9	9	10	10	4	4
81 0	8	8	8	18	8	27	8	37	8	46	8	55	9	5	9	14	9	24	0	0	0	0	1	1	1	1	1	1	5	5
10	7	59	8	9	8	18	8	27	8	36	8	45	8	55	9	4	9	13	1	2	2	2	2	2	2	3	3	3	6	6
20	7	50	8	0	8	9	8	18	8	27	8	36	8	45	8	54	9	3	3	3	3	3	4	4	4	4	4	4	7	7
30	7	41	7	50	7	59	8	8	8	17	8	26	8	35	8	44	8	52	4	5	5	5	5	5	5	5	6	6	8	8
40	7	33	7	41	7	50	7	59	8	7	8	16	8	25	8	33	8	42	6	6	6	6	7	7	7	7	7	7		
50	7	24	7	32	7	41	7	49	7	58	8	6	8	15	8	23	8	32	7	8	8	8	8	8	8	8	9	9	9	9
82 0	7	15	7	23	7	31	7	40	7	48	7	56	8	5	8	13	8	21	0	0	0	0	1	1	1	1	1	1	—	—
10	7	5	7	14	7	22	7	30	7	38	7	46	7	55	8	3	8	11	1	1	2	2	2	2	2	2	2	2	1	1
20	6	56	7	5	7	13	7	21	7	29	7	37	7	45	7	53	8	1	3	3	3	3	3	3	3	4	4	4	2	2
30	6	47	6	55	7	3	7	11	7	19	7	27	7	35	7	42	7	50	4	4	4	4	4	5	5	5	5	5	3	3
40	6	39	6	46	6	54	7	2	7	9	7	17	7	25	7	32	7	40	5	5	5	6	6	6	6	6	6	6		
50	6	30	6	37	6	45	6	52	7	0	7	7	7	14	7	22	7	29	7	7	7	7	7	7	7	7	8	8	4	4
83 0	6	21	6	28	6	35	6	42	6	50	6	57	7	4	7	12	7	19	0	0	0	0	0	1	1	1	1	1	5	5
10	6	12	6	19	6	26	6	33	6	40	6	47	6	54	7	2	7	9	1	1	1	1	2	2	2	2	2	2	6	6
20	6	2	6	9	6	16	6	23	6	30	6	37	6	44	6	51	6	58	2	2	2	3	3	3	3	3	3	3	7	7
30	5	53	6	0	6	7	6	14	6	21	6	27	6	34	6	41	6	48	3	4	4	4	4	4	4	4	4	3	8	8
40	5	45	5	51	5	58	6	4	6	11	6	18	6	24	6	31	6	37	5	5	5	5	5	5	5	5	5	5		
50	5	35	5	42	5	48	5	55	6	1	6	8	6	14	6	21	6	27	6	6	6	6	6	6	6	6	7	7	9	9
84 0	5	26	5	33	5	39	5	45	5	52	5	58	6	4	6	10	6	17	0	0	0	0	0	0	1	1	1	1	—	—
10	5	17	5	23	5	30	5	36	5	42	5	48	5	54	6	0	6	6	1	1	1	1	1	1	2	2	2	2	1	1
20	5	8	5	14	5	20	5	26	5	32	5	38	5	44	5	50	5	56	2	2	2	2	2	2	2	3	3	3	2	2
30	4	59	5	5	5	11	5	17	5	22	5	28	5	34	5	40	5	45	3	3	3	3	3	3	3	4	4	4	3	3
40	4	51	4	56	5	1	5	7	5	13	5	18	5	24	5	29	5	35	4	4	4	4	4	4	4	5	5	5		
50	4	41	4	47	4	52	4	57	5	3	5	8	5	14	5	19	5	24	5	5	5	5	5	5	5	5	6	6	4	4
85 0	4	32	4	37	4	43	4	48	4	53	4	58	5	4	5	9	5	14	0	0	0	0	0	0	0	1	1	1	5	5
10	4	23	4	28	4	33	4	38	4	43	4	48	4	53	4	59	5	4	1	1	1	1	1	1	1	1	1	1	6	6
20	4	14	4	19	4	24	4	29	4	34	4	38	4	43	4	48	4	53	2	2	2	2	2	2	2	2	2	2	7	7
30	4	5	4	10	4	14	4	19	4	24	4	29	4	33	4	38	4	43	2	2	2	3	3	3	3	3	3	3	8	8
40	3	56	4	0	4	5	4	10	4	14	4	19	4	23	4	28	4	32	3	3	3	3	3	4	4	4	4	4		
50	3	47	3	51	3	56	4	0	4	4	4	9	4	13	4	17	4	22	4	4	4	4	4	4	4	4	5	5	9	9
86 0	3	38	3	42	3	46	3	50	3	55	3	59	4	3	4	7	4	11	0	0	0	0	0	0	0	0	0	1	—	—
10	3	28	3	33	3	37	3	41	3	45	3	49	3	53	3	57	4	1	1	1	1	1	1	1	1	1	1	1	1	1
20	3	19	3	24	3	27	3	31	3	35	3	39	3	43	3	47	3	50	1	1	1	1	1	2	2	2	2	2	2	2
30	3	10	3	14	3	18	3	22	3	25	3	29	3	33	3	36	3	40	2	2	2	2	2	2	2	2	2	2	3	3
40	3	2	3	5	3	9	3	12	3	16	3	19	3	23	3	26	3	30	2	3	3	3	3	3	3	3	3	3		
50	2	53	2	56	2	59	3	2	3	6	3	9	3	12	3	16	3	19	3	3	3	3	3	3	3	3	4	4	4	4
87 0	2	43	2	46	2	50	2	53	2	56	2	59	3	2	3	5	3	9	0	0	0	0	0	0	0	0	0	0	5	5
10	2	34	2	37	2	40	2	43	2	46	2	49	2	52	2	55	2	58	0	0	1	1	1	1	1	1	1	1	6	6
20	2	25	2	28	2	31	2	34	2	36	2	39	2	42	2	45	2	48	1	1	1	1	1	1	1	1	1	1	7	7
30	2	16	2	19	2	21	2	24	2	27	2	29	2	32	2	35	2	37	1	1	1	1	1	2	2	2	2	2	8	8
40	2	8	2	10	2	12	2	14	2	17	2	19	2	22	2	24	2	27	2	2	2	2	2	2	2	2	2	2		
50	1	59	2	0	2	3	2	5	2	7	2	9	2	12	2	14	2	16	2	2	2	2	2	2	2	2	3	3	9	9
88 0	1	49	1	51	1	53	1	55	1	57	1	59	2	2	2	4	2	6	0	0	0	0	0	0	0	0	0	0	—	—
10	1	40	1	42	1	44	1	46	1	48	1	50	1	51	1	53	1	55	0	0	0	0	0	0	0	0	0	0	1	1
20	1	30	1	33	1	34	1	36	1	38	1	40	1	41	1	43	1	45	1	1	1	1	1	1	1	1	1	1	2	2
30	1	21	1	23	1	25	1	26	1	28	1	30	1	31	1	33	1	34	1	1	1	1	1	1	1	1	1	1	3	3
40	1	13	1	14	1	15	1	17	1	18	1	20	1	21	1	22	1	24	1	1	1	1	1	1	1	1	1	1		
50	1	4	1	5	1	6	1	7	1	8	1	10	1	11	1	12	1	13	1	1	1	1	1	1	1	1	2	2	4	4
89 0	0	55	0	56	0	57	0	58	0	59	1	0	1	1	1	2	1	3	0	0	0	0	0	0	0	0	0	0	5	5
10	0	45	0	46	0	47	0	48	0	49	0	50	0	51	0	52	0	52	0	0	0	0	0	0	0	0	0	0	6	6
20	0	36	0	37	0	38	0	38	0	39	0	40	0	41	0	41	0	42	0	0	0	0	0	0	0	0	0	0	7	7
30	0	27	0	28	0	28	0	29	0	29	0	30	0	30	0	31	0	31	0	0	0	0	0	0	0	0	0	0	8	8
40	0	18	0	18	0	19	0	19	0	20	0	20	0	20	0	21	0	21	0	0	0	0	0	0	0	0	0	0		
50	0	9	0	9	0	9	0	10	0	10	0	10	0	10	0	10	0	10	1	1	1	1	1	1	1	1	1	1	9	9

N. B. Se l'altezza apparente dell' orlo osservato contiene delle unità di minuti, in tal caso dall'ultima colonna a dritta della tav. VII. si prenderà la parte proporzionale corrispondente a tali minuti, e si aggiungerà o si toglierà dalla quantità di parallasse — rifrazione corrispondente ai gradi e decine di minuti di altezza, secondo il segno apposto nel capo di tale colonna.

Se la parallasse orizzontale contiene dei secondi, in tal caso dalla piccola tavola a destra della medesima, si prenderà la parte proporzionale, che si rinverrà in corrispondenza delle decine di minuti di altezza, considerate come decine di secondi di parallasse, ed alle unità dei secondi della stessa parallasse: tale parte proporzionale si aggiungerà alla parallasse—rifrazione corrispondente all'altezza ed ai minuti della parallasse orizzontale.

TAVOLA VIII.

Correzione per ridurre la parallasse equatoriale a quella di una latitudine qualunque.

Latitudine.	Parallasse equatoriale.	
	53′	61′
0°	0″	0″
20	1	1
25	2	2
30	3	3
35	4	4
40	4	5
45	5	6
50	6	7
55	7	8
60	8	9
65	9	10
75	10	11

TAVOLA IX.

Semidiametro del sole.

MESI dell' anno.	Semidiametro del SOLE.	MESI dell' anno.	Semidiametro del SOLE.	MESI dell' anno.	Semidiametro del SOLE.
Gennaio. 1	16' 17" 79	Maggio. 5	15' 52" 43	Settembre. 2	15' 53" 53
6	16. 17, 73	10	15. 51, 34	7	15. 54, 74
11	16. 17, 54	15	15. 50, 33	12	15. 55, 99
16	16. 17, 21	20	15. 49, 41	17	15. 57, 30
21	16. 16, 77	25	15. 48, 57	22	15. 58, 65
26	16. 16, 22	30	15. 47, 82	27	16. 0, 02
31	16. 15, 55				
Febbraio. 5	16. 14, 77	Giugno. 4	15. 47, 17	Ottobre. 2	16. 1, 40
10	16. 13, 89	9	15. 46, 62	7	16. 2, 79
15	16. 12, 91	14	15. 46, 18	12	16. 4, 17
20	16. 11, 85	19	15. 45, 85	17	16. 5, 56
25	16. 10, 72	24	15. 45, 63	22	16. 6, 91
		29	15. 45, 52	27	16. 8, 21
Marzo. 1	16. 9, 52	Luglio. 4	15. 45, 51	Novembre. 1	16. 9, 46
6	16. 8, 26	9	15. 45, 62	6	16. 10, 66
11	16. 6, 95	14	15. 45, 84	11	16. 11, 80
16	16. 5, 61	19	15. 46, 17	16	16. 12, 86
21	16. 4, 23	24	15. 46, 61	21	16. 13, 84
26	16. 2, 85	29	15. 47, 15	26	16. 14, 73
31	16. 1, 45				
Aprile. 5	16. 0, 07	Agosto. 3	15. 47, 79	Dicembre. 1	16. 15, 52
10	15. 58, 71	8	15. 48, 54	6	16. 16, 20
15	15. 57, 37	13	15. 49, 37	11	16. 16, 76
20	15. 56, 06	18	15. 50, 29	16	16. 17, 20
25	15. 54, 79	23	15. 51, 29	21	16. 17, 52
30	15. 53, 58	28	15. 52, 38	26	16. 17, 72
				31	16. 17, 79

Ricavata dalla tavola della conoscenza dei tempi dell'anno 1840.

TAVOLA X.

Semidiametro della Luna a diversi gradi d' altezza.

altezza ver.	Semi-diametro orizzontale.													
	14′ 40″	14′ 50″	15′ 0″	15′ 10″	15′ 20″	15′ 30″	15′ 40″	15′ 50″	16′ 0″	16′ 10″	16′ 20″	16′ 30″	16′ 40″	16′ 50″
0	14 40	14 50	15 0	15 10	15 20	15 30	15 40	15 50	16 0	16 10	16 20	16 30	16 40	16 50
1	40	50	0	10	20	30	40	50	0	10	21	31	41	51
2	41	51	1	10	21	31	41	51	1	11	21	31	41	51
3	41	51	1	10	21	31	41	51	1	11	21	31	41	51
4	41	51	1	11	21	31	41	51	1	11	21	31	41	51
5	14 41	14 51	15 2	15 11	15 21	15 32	15 42	15 52	16 2	16 12	16 22	16 32	16 42	16 52
6	42	52	2	12	22	32	42	52	2	12	22	32	42	52
7	42	52	2	12	22	32	42	52	2	12	22	32	42	53
8	42	52	2	12	22	32	42	52	2	12	23	33	43	53
9	42	52	2	12	23	33	43	53	3	13	23	33	43	53
10	14 43	14 52	15 3	15 13	15 23	15 33	15 43	15 53	16 3	16 13	16 23	16 33	16 43	16 53
11	43	53	3	13	23	33	43	53	3	13	23	33	44	54
12	43	53	3	13	23	33	43	54	4	14	24	34	44	54
13	43	53	3	13	24	34	44	54	4	14	24	34	44	54
14	43	54	4	14	24	34	44	54	4	14	24	34	45	55
15	14 44	14 54	15 4	15 14	15 24	15 34	15 44	15 54	16 4	16 15	16 25	16 35	16 45	16 55
16	44	54	4	14	24	34	45	55	5	15	25	35	45	55
17	44	54	4	14	25	35	45	55	5	15	25	35	45	56
18	44	54	5	15	25	35	45	55	5	15	25	36	46	56
19	45	55	5	15	25	35	45	55	6	16	26	36	46	56
20	14 45	14 55	15 5	15 15	15 25	15 35	15 46	15 56	16 6	16 16	16 26	16 36	16 46	16 56
21	45	55	5	15	26	36	46	56	6	16	26	36	47	57
22	45	55	6	15	26	36	46	56	6	16	27	37	47	57
23	46	56	6	16	26	36	46	56	7	17	27	37	47	57
24	46	56	6	16	26	36	47	57	7	17	27	37	47	58
25	14 46	14 56	15 6	15 16	15 27	15 37	15 47	15 57	16 7	16 17	16 27	16 38	16 48	16 58
26	46	56	7	17	27	37	47	57	7	18	28	38	48	58
27	46	57	7	17	27	37	47	58	8	18	28	38	48	58
28	47	57	7	17	27	37	48	58	8	18	28	38	49	59
29	47	57	7	17	28	38	48	58	8	18	28	39	49	59
30	14 47	14 57	15 7	15 18	15 28	15 38	15 48	15 58	16 8	16 19	16 29	16 39	16 49	16 59
32	48	58	8	18	28	38	48	59	9	19	29	39	50	17 0
34	48	58	8	18	29	39	49	59	9	19	30	40	50	0
36	48	58	9	19	29	39	49	16 0	10	20	30	40	51	1
38	49	59	9	19	29	40	50	0	10	20	31	41	51	1
40	14 49	14 59	15 9	15 20	15 30	15 40	15 50	16 0	16 11	16 21	16 31	16 42	16 52	17 2
42	49	15 0	10	20	30	40	51	1	11	21	32	42	52	2
44	50	0	10	20	31	41	51	1	11	22	32	43	53	3
46	50	0	11	21	31	41	51	2	12	22	32	43	53	3
48	50	1	11	21	31	42	52	2	12	23	33	43	53	4
50	14 51	15 1	15 11	15 21	15 32	15 42	15 52	16 2	16 13	16 23	16 33	16 44	16 54	17 4
52	51	1	12	22	32	42	53	3	13	23	34	44	54	4
54	51	2	12	22	32	43	53	3	13	24	34	44	55	5
56	52	2	12	22	33	43	53	4	14	24	34	45	55	5
58	52	2	12	23	33	43	54	4	14	24	35	45	55	6
60	14 52	15 2	15 13	15 23	15 33	15 44	15 54	16 4	16 14	16 24	16 35	16 45	16 56	17 6
62	52	3	13	23	34	44	54	4	15	25	35	46	56	6
64	53	3	13	23	34	44	54	5	15	25	36	46	56	6
66	53	3	13	24	34	44	55	5	15	25	36	46	56	7
68	53	3	14	24	34	44	55	5	15	26	36	46	57	7
70	14 53	15 3	15 14	15 24	15 34	15 45	15 55	16 5	16 16	16 26	16 36	16 47	16 57	17 7
72	53	4	14	24	34	45	55	5	16	26	36	47	57	7
74	53	4	14	24	35	45	55	6	16	26	37	47	57	8
76	53	4	14	24	35	45	55	6	16	26	37	47	57	8
78	53	4	14	25	35	45	56	6	16	27	37	47	58	8
80	14 54	15 4	15 14	15 25	15 35	15 45	15 56	16 6	16 16	16 27	16 37	16 47	16 58	17 8
82	54	4	14	25	35	45	56	6	16	27	37	47	58	8
84	54	4	14	25	35	46	56	6	17	27	37	48	58	8
86	54	4	14	25	35	46	56	6	17	27	37	48	58	8
90	54	4	15	25	35	46	56	6	17	27	37	48	58	8

TAVOLA XI.

CORREZIONI per le differenze seconde, prese da 12 in 12 ore.

Ore dopo mezzodì o mezzanotte.	PRIMA PARTE — Minuti della media differenza seconda.												Ore dopo mezzodì o mezzanotte.
	1′	2′	3′	4′	5′	6′	7′	8′	9′	10′	11′	12′	
0or. 0m	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	0″.0	12or. 0m
0 10	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.1	4.5	4.9	11 50
0 20	0.8	1.6	2.4	3.2	4.1	4.9	5.7	6.5	7.3	8.1	8.9	9.7	11 40
0 30	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	13.2	14.4	11 30
0 40	1.6	3.1	4.7	6.3	7.9	9.4	11.0	12.6	14.2	15.7	17.3	18.9	11 20
0 50	1.9	3.9	5.8	7.8	9.7	11.6	13.6	15.5	17.4	19.4	21.3	23.3	11 10
1 0	2.3	4.6	6.9	9.2	11.5	13.8	16.0	18.3	20.6	22.9	25.2	27.5	11 0
1 10	2.6	5.3	7.9	10.5	13.2	15.8	18.4	21.1	23.7	26.3	29.0	31.6	10 50
1 20	3.0	5.9	8.9	11.9	14.8	17.8	20.7	23.7	26.7	29.6	32.6	35.6	10 40
1 30	3.3	6.6	9.8	13.1	16.4	19.7	23.0	26.3	29.5	32.8	36.1	39.4	10 30
1 40	3.6	7.2	10.8	14.4	17.9	21.5	25.1	28.7	32.3	35.9	39.5	43.1	10 20
1 50	3.9	7.8	11.6	15.5	19.4	23.3	27.2	31.1	34.9	38.8	42.7	46.6	10 10
2 0	4.2	8.3	12.5	16.7	20.8	25.0	29.2	33.3	37.5	41.7	45.8	50.0	10 0
2 10	4.4	8.9	13.3	17.8	22.2	26.6	31.1	35.5	39.9	44.4	48.8	53.3	9 50
2 20	4.7	9.4	14.1	18.8	23.5	28.2	32.9	37.6	42.3	47.0	51.7	56.4	9 40
2 30	4.9	9.9	14.8	19.8	24.7	29.7	34.6	39.6	44.5	49.5	54.4	59.4	9 30
2 40	5.2	10.4	15.6	20.7	25.9	31.1	36.3	41.5	46.7	51.9	57.0	62.2	9 20
2 50	5.4	10.8	16.2	21.6	27.1	32.5	37.9	43.3	48.7	54.1	59.5	64.9	9 10
3 0	5.6	11.3	16.9	22.5	28.1	33.8	39.4	45.0	50.6	56.3	61.9	67.5	9 0
3 10	5.8	11.7	17.5	23.3	29.1	35.0	40.8	46.6	52.4	58.3	64.1	69.9	8 50
3 20	6.0	12.0	18.1	24.1	30.1	36.1	42.1	48.1	54.2	60.2	66.2	72.2	8 40
3 30	6.2	12.4	18.6	24.8	31.0	37.2	43.4	49.6	55.8	62.0	68.2	74.4	8 30
3 40	6.4	12.7	19.1	25.5	31.8	38.2	44.6	50.9	57.3	63.7	70.0	76.4	8 20
3 50	6.5	13.0	19.6	26.1	32.6	39.1	45.7	52.2	58.7	65.2	71.7	78.3	8 10
4 0	6.7	13.4	20.0	26.7	33.3	40.1	46.7	53.3	60.0	66.7	73.3	80.0	8 0
4 20	6.9	13.8	20.8	27.7	34.6	41.5	48.4	55.4	62.3	69.2	76.1	83.1	7 40
4 40	7.1	14.3	21.4	28.5	35.6	42.8	49.9	57.0	64.2	71.3	78.4	85.6	7 20
5 0	7.3	14.6	21.9	29.2	36.5	43.8	51.0	58.3	63.6	72.9	80.2	87.5	7 0
5 20	7.4	14.8	22.2	29.6	37.0	44.4	51.9	59.3	66.7	74.1	81.5	88.9	6 40
5 40	7.5	15.0	22.4	29.9	37.4	44.9	52.3	59.8	67.3	74.8	82.2	89.7	6 20
6 0	7.5	15.0	22.5	30.0	37.5	45.0	52.5	60.0	67.5	75.0	82.5	90.0	6 0

TAVOLA XI.

Correzione per le differenze seconde, prese da 12 in 12 ore.

Ore dopo mezzodì o mezzanotte.	Seconda Parte. — Secondi della media differenza seconda.																Ore dopo mezzodì o mezzanotte.
	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	15"	20"	25"	30"	40"	50"	
0or. 0m	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	0".0	12or. 0m
0 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.2	0.3	0.3	11 50
0 20	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7	11 40
0 30	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.0	11 30
0 40	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.3	11 20
0 50	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.5	0.6	0.8	1.0	1.3	1.6	11 10
1 0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.6	0.8	0.9	1.1	1.5	1.9	11 0
1 10	0.0	0.1	0.1	0.2	0·2	0.3	0.3	0.3	0.4	0.4	0.7	0.9	1.1	1.3	1.8	2.2	10 50
1 20	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.7	1.0	1.2	1.5	2.0	2.5	10 40
1 30	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.8	1.1	1.4	1.6	2.2	2.7	10 30
1 40	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.9	1.2	1.5	1.8	2.4	3.0	10 20
1 50	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.6	1.0	1.3	1.6	1.9	2.6	3.2	10 10
2 0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7	1.0	1.4	1.7	2.1	2.8	3.5	10 0
2 10	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7	1.1	1.5	1.8	2.2	3.0	3.7	9 50
2 20	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	1.2	1.6	2.0	2.3	3.1	3.9	9 40
2 30	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	1.2	1.6	2.1	2.5	3.3	4.1	9 30
2 40	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.3	1.7	2.2	2.6	3.5	4.3	9 20
2 50	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.3	1.8	2.2	2.7	3.6	4.5	9 10
3 0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.4	1.9	2.3	2.8	3.8	4.7	9 0
3 10	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.5	1.9	2.4	2.9	3.9	4.9	8 50
3 20	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.5	2.0	2.5	3.0	4.0	5.0	8 40
3 30	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0 9	1.0	1.5	2.1	2.6	3.1	4.1	5.2	8 30
3 40	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.6	2.1	2.6	3.2	4.2	5.3	8 20
3 50	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.6	2.2	2.7	3.3	4.3	5.4	8 10
4 0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.7	2.2	2.8	3.3	4.4	5.6	8 0
4 20	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.7	2.3	2.9	3.5	4.6	5.8	7 40
4 40	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1 8	2.4	3 0	3.6	4.8	5.9	7 20
5 0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.0	1.2	1.8	2.4	3.0	3.6	4.9	6.1	7 0
5 20	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.8	2.4	3.0	3.7	4.9	6.2	6 40
5 40	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.3	1.9	2.5	3.1	3.8	5.0	6.2	6 20
6 0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.3	1.9	2.5	3.1	3.8	5.0	6.3	6 0

TAVOLA XII. S

Per calcolare il tempo vero della fase della luna pel meridiano di Parigi.

ANNI		Giorni.	Ore.	Minuti.	A.	P.	ANNI		Giorni.	Ore.	Minuti.	A.	P.
	1829	4	6	51	385	1		1857	2	5	54	468	2
	1830	1	0	50	514	2		1858	6	9	11	864	4
	1831	5	4	8	910	4		1859	3	3	4	993	1
Bisestile	1832	0	22	1	39	1	Bisestile	1860	6	6	21	389	3
	1833	5	1	18	435	3		1861	3	0	14	518	4
	1834	1	19	11	563	4		1862	7	3	31	914	2
	1835	5	22	21	960	2		1863	3	21	24	43	3
Bisestile	1836	1	16	21	88	3	Bisestile	1864	7	0	41	439	1
	1837	5	19	38	485	1		1865	3	18	34	568	2
	1838	2	13	31	614	2		1866	0	12	26	697	3
	1839	6	16	48	10	4		1867	4	15	44	93	1
Bisestile	1840	2	10	41	139	1	Bisestile	1868	0	9	36	222	2
	1841	6	13	58	535	3		1869	4	12	54	618	4
	1842	3	7	51	664	4		1870	1	6	46	747	1
	1843	0	1	44	792	1		1871	5	10	4	143	3
Bisestile	1844	3	5	1	189	3	Bisestile	1872	1	3	56	272	4
	1845	7	8	18	585	1		1873	5	7	14	678	2
	1846	4	2	11	714	2		1874	2	1	6	807	3
	1847	0	20	3	843	3		1875	6	4	24	203	1
Bisestile	1848	3	23	21	239	1	Bisestile	1876	1	22	16	332	2
	1849	0	17	13	368	2		1877	6	1	34	728	4
	1850	4	20	31	764	4		1878	2	19	26	757	1
	1851	1	14	23	893	1		1879	6	22	44	253	3
Bisestile	1852	4	17	41	289	3	Bisestile	1880	2	16	36	382	4
	1853	1	11	33	418	4		1881	6	19	54	778	2
	1854	5	14	51	814	2		1882	3	13	46	907	3
	1855	2	8	44	943	3		1883	0	7	38	36	4
Bisestile	1856	5	12	1	339	1		1884	3	10	56	432	2

TAVOLA XII. B

MESI	Gior.	Ore.	Min.	A.	P.	MESI	Gior.	Ore.	Min.	A.	P.	MESI	Gior.	Ore.	Min.	A.	P.
Gennaio	7	9	40	269	1	Maggio	5	15	8	560	1	Settembre	7	20	5	104	2
	14	19	19	538	2		12	23	58	827	2		15	5	10	371	3
	22	4	57	807	3		20	8	45	94	3		22	14	19	639	4
	29	14	35	75	4		27	17	29	362	4		29	23	32	907	1
Febbraio	6	0	10	344	1	Giugno	4	2	11	629	1	Ottobre	7	8	48	175	2
	13	9	44	612	2		11	10	51	896	2		14	18	8	443	3
	20	19	15	881	3		18	19	30	163	3		22	3	32	711	4
	28	04	43	149	4		26	4	9	430	4		29	12	59	980	1
Marzo	7	14	8	417	1	Luglio	3	12	47	698	1	Novembre	5	22	29	248	2
	14	23	29	685	2		10	21	26	965	2		13	8	1	517	3
	22	8	47	953	3		18	6	7	232	3		20	17	35	785	4
	29	18	0	221	4		25	14	49	499	4		28	3	11	54	1
Aprile	6	3	10	489	1	Agosto	1	23	34	766	1	Dicembre	5	12	49	332	2
	13	12	15	757	2		9	8	21	34	2		12	22	27	591	3
	20	21	17	25	3		16	17	12	301	3		20	8	6	860	4
	28	6	14	292	4		24	2	6	568	4		27	17	46	129	1
							31	11	3	836	1						

Nei mesi di gennaio e febbraio degli anni bisestili bisogna aggiungere un giorno al tempo della fase calcolata con la tavola.

TAVOLA XII. Q

Delle equazioni aggiuntive, corrispondenti all'anomalia della luna.

A	SIZIGIE																			A
	0		1		2		3		4		5		6		7		8		9		
	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	
0	15	14	15	18	15	22	15	26	15	30	15	34	15	37	15	41	15	45	15	49	0
10	15	53	15	57	16	1	16	5	16	9	16	12	16	16	16	20	16	24	16	28	10
20	16	32	16	36	16	40	16	44	16	48	16	51	16	55	16	59	17	03	17	7	20
30	17	11	17	15	17	19	17	22	17	26	17	30	17	34	17	38	17	41	17	45	30
40	17	49	17	53	17	57	18	0	18	4	18	8	18	12	18	16	18	19	18	23	40
50	18	27	18	31	18	34	18	38	18	42	18	45	18	49	18	53	18	57	19	1	50
60	19	4	19	7	19	11	19	14	19	18	19	21	19	25	19	28	19	32	19	36	60
70	19	39	19	43	19	46	19	50	19	53	19	57	20	0	20	4	20	7	20	11	70
80	20	14	20	17	20	20	20	24	20	27	20	30	20	33	20	36	20	40	20	43	80
90	20	46	20	49	20	52	20	56	20	59	21	2	21	5	21	8	21	12	21	15	90
100	21	18	21	21	21	24	21	27	21	30	21	33	21	36	21	39	21	42	21	45	100
110	21	48	21	51	21	54	21	56	21	59	22	2	22	5	22	8	22	10	22	13	110
120	22	16	22	19	22	21	22	24	22	26	22	29	22	32	22	34	22	37	22	39	120
130	22	42	22	44	22	47	22	50	22	52	22	55	22	57	23	0	23	2	23	4	130
140	23	7	23	9	23	11	23	14	23	16	23	18	23	20	23	22	23	25	23	27	140
150	23	29	23	31	23	33	23	35	23	37	23	39	23	41	23	43	23	45	23	47	150
160	23	49	23	51	23	53	23	54	23	56	23	58	24	0	24	2	24	3	24	5	160
170	24	7	24	9	24	10	24	12	24	13	24	15	24	17	24	18	24	20	24	21	170
180	24	23	24	24	24	26	24	27	24	28	24	29	24	31	24	32	24	33	24	35	180
190	24	36	24	37	24	38	24	39	24	40	24	42	24	43	24	44	24	45	24	46	190
200	24	47	24	48	24	49	24	49	24	50	24	51	24	52	24	53	24	53	24	54	200
210	24	55	24	56	24	56	24	57	24	58	24	58	24	59	25	0	25	1	25	1	210
220	25	2	25	2	25	3	25	3	25	3	25	4	25	4	25	4	25	4	25	5	220
230	25	5	25	5	25	5	25	6	25	6	25	6	25	6	25	6	25	7	25	7	230
240	25	7	25	7	25	7	25	7	25	7	25	6	25	6	25	6	25	6	25	6	240
250	25	6	25	6	25	5	25	5	25	4	25	4	25	4	25	3	25	3	25	2	250
260	25	2	25	2	25	1	25	1	25	0	25	0	24	59	24	59	24	58	24	58	260
270	24	57	24	56	24	55	24	55	24	57	24	53	24	52	24	51	24	51	24	50	270
280	24	49	24	48	24	47	24	46	24	45	24	44	24	43	24	42	24	41	24	40	280
290	24	39	24	38	24	37	24	35	24	34	24	33	24	32	24	31	24	29	24	28	290
300	24	27	24	26	24	24	24	23	24	21	24	19	24	18	24	17	24	15	24	14	300
310	24	12	24	10	24	9	24	7	24	6	24	4	24	2	24	1	23	59	23	58	310
320	23	56	23	54	23	52	23	51	23	49	23	47	23	45	23	43	23	42	23	40	320
330	23	38	23	36	23	34	23	32	23	30	23	28	23	26	23	24	23	22	23	20	330
340	23	18	23	16	23	14	23	11	23	9	23	7	23	5	23	3	23	0	22	58	340
350	22	56	22	54	22	51	22	49	22	47	22	44	22	42	22	40	22	38	22	35	350
360	22	33	22	31	22	28	22	25	22	23	22	21	22	18	22	15	22	13	22	11	360
370	22	8	22	5	22	3	22	0	21	58	21	55	21	52	21	50	21	47	21	45	370
380	21	42	21	39	21	36	21	34	21	31	21	28	21	25	21	22	21	20	21	17	380
390	21	14	21	11	21	8	21	5	21	2	21	0	20	57	20	54	20	51	20	48	390
400	20	45	20	42	20	39	20	36	20	33	20	30	20	27	20	24	20	21	20	18	400
410	20	15	20	12	20	9	20	6	20	3	20	0	19	56	19	53	19	50	19	47	410
420	19	44	19	41	19	34	19	34	19	31	19	28	19	25	19	21	19	18	19	15	420
430	19	12	19	9	19	6	19	2	18	59	18	56	18	53	18	50	18	46	18	43	430
440	18	40	18	37	18	33	18	30	18	26	18	23	18	20	18	16	18	13	18	9	440
450	18	06	18	3	17	59	17	56	17	52	17	49	17	46	17	42	17	39	17	35	450
460	17	32	17	29	17	25	17	22	17	18	17	15	17	12	17	8	17	5	17	1	460
470	16	58	16	55	16	51	16	48	16	44	16	41	16	38	16	34	16	31	16	27	470
480	16	24	16	21	16	17	16	14	16	10	16	6	16	3	16	0	15	56	15	52	480
490	15	49	15	46	15	42	15	38	15	35	15	31	15	28	15	24	15	21	15	17	490
500	15	14	15	11	15	7	15	4	15	0	14	56	14	53	14	50	14	46	14	42	500
A	0		1		2		3		4		5		6		7		8		9		A
	SIZIGIE																				

Si troverà facilmente l'equazione che bisogna aggiungere al numero delle due tavole precedenti, facendo quadrare le decine dell'anomalia con le unità che sono nella seconda colonna orizzontale del titolo superiore, e colla penultima colonna orizzontale del titolo inferiore che dinotano le unità di più dell'anomalia.

P essendo 1. o 5. indica nuova luna. ‖ *P essendo 3. o 7. indica una luna piena.*

TAVOLA XII. Q

Delle equazioni aggiuntive, corrispondenti all'anomalia della luna.

A	QUADRATURE																				A
	0		1		2		3		4		5		6		7		8		9		
	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	
0	15	14	15	20	15	26	15	32	15	38	15	43	15	49	15	55	16	1	16	7	0
10	16	13	16	19	16	25	16	30	16	36	16	42	16	48	16	54	16	59	17	5	10
20	17	11	17	17	17	23	17	28	17	34	17	40	17	46	17	52	17	57	18	3	20
30	18	9	18	15	18	21	18	27	18	32	18	38	18	44	18	50	18	55	19	1	30
40	19	7	19	13	19	18	19	24	19	29	19	35	19	41	19	46	19	52	19	57	40
50	20	3	20	8	20	14	20	20	20	25	20	31	20	36	20	42	20	47	20	52	50
60	20	58	21	3	21	9	21	14	21	20	21	25	21	30	21	36	21	41	21	47	60
70	21	52	21	57	22	2	22	8	22	13	22	18	22	23	22	28	22	34	22	39	70
80	22	44	22	49	22	54	22	59	23	4	23	9	23	14	23	19	23	24	23	29	80
90	23	34	23	39	23	44	23	48	23	53	23	58	24	3	24	8	24	12	24	17	90
100	24	22	24	26	24	31	24	35	24	40	24	44	24	49	24	54	24	58	25	3	100
110	25	7	25	11	25	16	25	20	25	25	25	29	25	33	25	38	25	42	25	47	110
120	25	51	25	55	25	59	26	3	26	7	26	11	26	15	26	19	26	23	26	27	120
130	26	31	26	35	26	39	26	42	26	46	26	50	26	54	26	58	27	1	27	5	130
140	27	9	27	12	27	16	27	19	27	23	27	26	27	29	27	33	27	36	27	39	140
150	27	43	27	46	27	49	27	53	27	56	27	59	28	2	28	5	28	9	28	12	150
160	28	15	28	18	28	21	28	23	28	26	28	29	28	32	28	35	28	37	28	40	160
170	28	43	28	45	28	48	28	50	28	53	28	55	28	58	29	0	29	3	29	5	170
180	29	8	29	10	29	12	29	14	29	16	29	18	29	21	29	23	29	25	29	27	180
190	29	29	29	31	29	33	29	34	29	36	29	38	29	40	29	42	29	43	29	45	190
200	29	47	29	48	29	50	29	51	29	53	29	54	29	55	29	57	29	58	30	0	200
210	30	1	30	2	30	3	30	4	30	5	30	6	30	8	30	9	30	10	30	11	210
220	30	12	30	13	30	13	30	14	30	15	30	16	30	16	30	17	30	18	30	18	220
230	30	19	30	19	30	20	30	20	30	20	30	21	30	21	30	21	30	21	30	22	230
240	30	22	30	22	30	22	30	22	30	22	30	22	30	22	30	22	30	22	30	22	240
250	30	22	30	21	30	21	30	20	30	20	30	19	30	19	30	18	30	18	30	17	250
260	30	17	30	16	30	16	30	15	30	14	30	13	30	13	30	12	30	11	30	11	260
270	30	10	30	9	30	8	30	7	30	6	30	4	30	3	30	2	30	1	30	0	270
280	29	59	29	58	29	56	29	54	29	53	29	51	29	50	29	48	29	47	29	45	280
290	29	44	29	42	29	40	29	39	29	37	29	35	29	33	29	31	29	30	29	28	290
300	29	26	29	24	29	22	29	20	29	18	29	15	29	13	29	11	29	9	29	7	300
310	29	5	29	2	29	0	28	58	28	55	28	52	28	50	28	47	28	45	28	42	310
320	28	40	28	37	28	35	28	32	28	29	28	26	28	24	28	21	28	18	28	16	320
330	28	13	28	10	28	7	28	4	28	1	27	58	27	54	27	51	27	48	27	45	330
340	27	42	27	39	27	35	27	32	27	29	27	25	27	22	27	19	27	16	27	12	340
350	27	9	27	5	27	2	26	58	26	55	26	51	26	47	26	44	26	40	26	37	350
360	26	33	26	29	26	25	26	22	26	18	26	14	26	10	26	6	26	3	25	59	360
370	25	55	25	51	25	47	25	43	25	39	25	35	25	31	25	27	25	23	25	19	370
380	25	15	25	11	25	6	25	2	24	58	24	54	24	49	24	45	24	41	24	36	380
390	24	32	24	28	24	23	24	19	24	14	24	9	24	5	24	0	23	56	23	51	390
400	23	47	23	42	23	39	23	33	23	29	23	24	23	19	23	15	23	10	23	6	400
410	23	1	22	56	22	51	22	47	22	42	22	37	22	32	22	27	22	23	22	18	410
420	22	13	22	8	22	3	21	58	21	53	22	48	21	44	21	39	22	34	21	29	420
430	21	24	21	19	21	14	21	9	21	4	20	59	20	53	20	48	20	43	20	38	430
440	20	33	20	28	20	23	20	18	20	13	20	8	20	2	19	57	19	52	19	47	440
450	19	42	19	37	19	31	19	26	19	21	19	15	19	10	19	5	19	0	18	54	450
460	18	49	18	44	18	38	18	33	18	28	18	22	18	17	18	12	18	7	18	1	460
470	17	56	17	51	17	45	17	40	17	34	17	29	17	24	17	18	17	13	17	7	470
480	17	2	16	57	16	51	16	46	16	40	16	35	16	30	16	24	16	19	16	13	480
490	16	8	16	3	15	57	15	52	15	46	15	41	15	36	15	30	15	25	15	19	490
500	15	14	15	8	15	3	14	57	14	52	14	47	14	41	14	35	14	30	14	24	500
A	0		1		2		3		4		5		6		7		8		9		A
	QUADRATURE																				

TAVOLA XII. Q

Delle equazioni aggiuntive, corrispondenti all'anomalia della luna.

A	SIZIGIE																				A
	0		1		2		3		4		5		6		7		8		9		
	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	
500	15	14	15	11	15	7	15	4	15	0	14	56	14	53	14	50	14	46	14	42	500
510	14	39	14	35	14	32	14	28	14	25	14	21	14	18	14	14	14	11	14	7	510
520	14	4	14	1	13	57	13	54	13	50	13	47	13	44	13	40	13	37	13	33	520
530	13	80	13	27	13	23	13	20	13	16	13	13	13	10	13	6	13	3	12	59	530
540	12	56	12	53	12	49	12	46	12	42	12	39	12	36	12	32	12	29	12	25	540
550	12	22	12	19	12	15	12	12	12	9	12	6	12	2	11	59	11	57	11	52	550
560	11	9	11	46	11	43	11	39	11	36	11	33	11	33	11	27	11	23	11	20	560
570	11	17	11	14	11	11	11	7	11	4	11	1	10	58	10	55	10	51	10	48	570
580	10	45	10	42	10	39	10	36	10	33	10	30	10	26	10	23	10	20	10	17	580
590	10	14	10	11	10	8	10	5	10	2	10	0	9	57	9	54	9	51	9	48	590
600	9	45	9	42	9	39	9	36	9	33	9	31	9	28	9	25	9	22	9	19	600
610	9	16	9	13	9	10	9	8	9	5	9	2	8	59	8	56	8	54	8	51	610
620	8	48	8	45	8	43	8	40	8	38	8	35	8	32	8	30	8	27	8	25	620
630	8	22	8	20	8	17	8	15	8	12	8	10	8	8	8	5	8	3	8	0	630
640	7	58	7	56	7	53	7	51	7	48	7	46	7	44	7	41	7	39	7	36	640
650	7	34	7	32	7	30	7	28	7	26	7	24	7	21	7	19	7	17	7	15	650
660	7	13	7	11	7	9	7	7	7	5	7	3	7	1	6	59	6	57	6	55	660
670	6	53	6	51	6	49	6	48	6	46	6	44	6	42	6	40	6	38	6	37	670
680	6	35	6	33	6	32	6	30	6	29	6	27	6	25	6	28	6	22	6	21	680
690	6	19	6	17	6	16	6	14	6	13	6	11	6	10	6	6	6	7	6	5	690
700	6	4	6	3	6	2	6	0	5	59	5	58	5	57	5	54	5	54	5	53	700
710	5	52	5	51	5	50	5	49	5	48	5	47	5	46	5	45	5	44	5	43	710
720	5	42	5	41	5	41	5	40	5	39	5	38	5	38	5	37	5	36	5	36	720
730	5	35	5	34	5	34	5	33	5	33	5	32	5	31	5	31	5	30	5	30	730
740	5	29	5	29	5	28	5	28	5	28	5	27	5	27	5	27	5	27	5	26	740
750	5	26	5	26	5	26	5	26	5	26	5	25	5	25	5	25	5	25	5	25	750
760	5	25	5	25	5	25	5	25	5	25	5	25	5	26	5	26	5	26	5	26	760
770	5	26	5	26	5	27	5	27	5	28	5	28	5	28	5	29	5	29	5	30	770
780	5	30	5	31	5	31	5	32	5	32	5	33	5	34	5	34	5	35	5	35	780
790	5	36	5	37	5	38	5	39	5	40	5	41	5	41	5	42	5	43	5	44	790
800	5	45	5	46	5	47	5	48	5	49	5	50	5	51	5	52	5	53	5	54	800
810	5	55	5	56	5	58	5	59	6	1	6	2	6	3	6	5	6	6	6	8	810
820	6	9	6	11	6	12	6	14	6	15	6	17	6	18	6	20	6	21	6	23	820
830	6	24	6	26	6	28	6	29	6	31	6	33	6	35	6	37	6	38	6	40	830
840	6	42	6	44	6	46	6	48	6	50	6	52	6	54	6	56	6	58	7	0	840
850	7	2	7	4	7	6	7	9	7	11	7	13	7	15	7	17	7	20	7	22	850
860	7	24	7	26	7	29	7	31	7	34	7	36	7	38	7	41	7	43	7	46	860
870	7	48	7	51	7	53	7	56	7	58	8	1	8	4	8	6	8	9	8	11	870
880	8	14	8	17	8	20	8	22	8	25	8	28	8	31	8	34	8	36	8	39	880
890	8	42	8	45	8	48	8	51	8	54	8	57	9	0	9	3	9	6	9	9	890
900	9	12	9	15	9	18	9	21	9	24	9	27	9	31	9	34	9	37	9	40	900
910	9	43	9	46	9	50	9	53	9	56	0	0	10	3	10	6	10	9	10	13	910
920	10	16	10	19	10	23	10	26	10	30	10	33	10	36	10	40	10	43	10	47	920
930	10	50	10	54	10	57	11	1	11	4	11	8	11	12	11	15	11	19	11	22	930
940	11	26	11	30	11	33	11	37	11	40	11	44	11	48	11	51	11	55	11	58	940
950	12	2	12	6	12	9	12	13	12	17	12	21	12	24	12	28	12	32	12	35	950
960	12	39	12	43	12	47	12	50	12	54	12	58	13	2	13	6	13	9	13	13	960
970	13	17	13	21	13	25	13	29	13	33	13	36	13	40	13	44	13	48	13	52	970
980	13	56	14	0	14	4	14	8	14	12	14	15	14	19	14	23	14	27	14	31	980
990	14	35	14	39	14	42	14	47	14	51	14	54	14	58	15	2	15	6	15	10	990
1000	15	14	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»
A	0		1		2		3		4		5		6		7		8		9		A
	SIZIGIE																				

P essendo 1 o 5 indica nuova luna. ‖ *P essendo 3 o 7 indica una luna piena*

TAVOLA XII.

Delle equazioni aggiuntive, corrispondenti all'anomalia della luna.

A	QUADRATURE																				A
	0		1		2		3		4		5		6		7		8		9		
	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	ore.	m.	
500	15	14	15	8	15	3	14	57	14	52	14	47	14	41	14	35	14	30	14	24	500
510	14	19	14	14	14	8	14	3	13	57	13	52	13	47	13	41	13	36	13	30	510
520	13	25	13	20	13	14	13	9	13	3	12	58	12	53	12	47	12	42	12	36	520
530	12	31	12	26	12	20	12	15	12	10	12	4	11	59	11	54	11	49	11	43	530
540	11	38	11	33	11	27	11	22	11	17	11	11	11	6	11	1	10	56	10	50	540
550	10	45	10	40	10	35	10	29	10	24	10	19	10	14	10	9	10	3	9	58	550
560	9	53	9	48	9	43	9	38	9	33	9	27	9	22	9	17	9	12	9	7	560
570	9	2	8	57	8	52	8	47	8	42	8	37	8	33	8	28	8	23	8	18	570
580	8	13	8	8	8	3	7	59	7	54	7	49	7	44	7	39	7	35	7	30	580
590	7	15	7	21	7	16	7	11	7	6	7	2	6	57	6	52	6	47	6	43	590
600	6	38	6	34	6	29	6	24	6	20	6	15	6	11	6	6	6	2	5	57	600
610	5	53	5	49	5	45	5	40	5	36	5	32	5	28	7	24	5	19	5	15	610
620	5	11	5	07	5	3	4	59	4	55	4	51	4	46	4	42	4	38	4	34	620
630	4	30	4	26	4	22	4	18	4	14	4	11	4	7	4	3	3	59	3	55	630
640	3	51	3	47	3	44	3	40	3	37	3	33	3	29	3	26	3	22	3	19	640
650	3	15	3	12	3	8	3	5	3	2	2	59	2	55	2	52	2	49	2	45	650
660	2	42	2	39	2	36	2	33	2	30	2	27	2	24	2	21	2	18	2	15	660
670	2	12	2	9	2	6	2	4	2	01	1	58	1	56	1	53	1	50	1	48	670
680	1	45	1	42	1	40	1	37	1	35	1	32	1	30	1	27	1	25	1	22	680
690	1	20	1	18	1	16	1	13	1	11	1	9	1	7	1	5	1	2	1	0	690
700	0	58	0	50	0	54	0	53	0	51	0	49	0	47	0	45	0	44	0	42	700
710	0	40	0	39	0	37	0	36	0	35	0	33	0	31	0	30	0	28	0	27	710
720	0	25	0	24	0	23	0	22	0	21	0	20	0	18	0	17	0	16	0	15	720
730	0	14	0	13	0	12	0	12	0	11	0	10	0	9	0	8	0	8	0	7	730
740	0	6	0	6	0	5	0	5	0	4	0	4	0	4	0	3	0	3	0	2	740
750	0	2	0	2	0	2	0	1	0	1	0	1	0	1	0	1	0	0	0	0	750
760	0	0	0	1	0	1	0	2	0	2	0	2	0	3	0	3	0	4	0	4	760
770	0	4	0	5	0	6	0	6	0	7	0	8	0	9	0	10	0	10	0	11	770
780	0	12	0	13	0	14	0	15	0	16	0	17	0	19	0	20	0	21	0	22	780
790	0	23	0	24	0	26	0	27	0	29	0	30	0	31	0	33	0	34	0	36	790
800	0	37	0	39	0	41	0	42	0	44	0	46	0	48	0	50	0	51	0	53	800
810	0	55	0	57	0	59	1	1	1	3	1	5	1	8	1	10	1	12	1	14	810
820	1	16	1	19	1	21	1	24	1	26	1	29	1	31	1	34	1	36	1	39	820
830	1	41	1	44	1	47	1	50	1	53	1	56	1	58	2	1	2	4	2	7	830
840	2	10	2	13	2	16	2	19	2	22	2	25	2	29	2	32	2	35	2	38	840
850	2	41	2	44	2	48	2	51	2	55	2	58	3	2	3	5	3	9	3	12	850
860	3	16	3	20	3	24	3	27	3	31	3	35	3	39	3	43	3	46	3	50	860
870	3	54	3	58	4	2	4	6	4	10	4	14	4	18	4	22	4	26	4	30	870
880	4	34	4	38	4	43	4	47	4	52	4	56	5	0	5	5	5	9	5	14	880
890	5	18	5	23	5	27	5	32	5	36	5	41	5	46	5	50	5	55	5	59	890
900	6	4	6	9	6	14	6	18	6	23	6	28	6	32	6	37	6	42	6	47	900
910	6	52	6	57	7	2	7	7	7	12	7	17	7	22	7	27	7	32	7	37	910
920	7	42	7	47	7	52	7	58	8	3	8	8	8	13	8	18	8	24	8	29	920
930	8	34	8	39	8	45	8	50	8	56	9	1	9	6	9	12	9	17	9	23	930
940	9	28	9	34	9	39	9	45	9	50	9	56	10	2	10	7	10	13	10	18	940
950	10	24	10	30	10	35	10	41	10	46	10	52	10	58	11	03	11	9	11	14	950
960	11	20	11	26	11	32	11	37	11	43	11	49	11	55	12	1	12	6	12	12	960
970	12	18	12	24	12	30	12	35	12	41	12	47	12	53	12	59	13	4	13	10	970
980	13	16	13	22	13	28	13	34	13	40	13	46	13	51	13	57	14	3	14	9	980
990	14	15	14	21	14	27	14	33	14	39	14	45	14	50	14	56	15	2	15	8	990
1000	15	14	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»
A	0		1		2		3		4		5		6		7		8		9		A
	QUADRATURE																				

P essendo 2 o 6 indica il Primo quarto. | *P essendo 4 o 8 indica l'Ultimo quarto.*

TAVOLA XIII.

Dello Stabilimento de' principali porti, o dell' ora in cui succede l'alta marea nel giorno della nuova o piena luna.

Ore	'	Nome dei porti
8	30	Amsterdam (isola) mare del Sud
3	0	Amstordam, Olanda
11	0	Ambleteuse, Francia
3	0	Ardbor, Inghilterra
3	45	Auray, Francia
2	15	Audiern, Idem
6	0	Anvorsa, Belgio
6	45	Arcangelo, Russia
5	15	Baltimore, Irlanda
7	30	Barfleur, Francia
3	30	Baiona, Idem
3	15	Belvodere, Idem
3	30	Bergue, Olanda
3	45	Brunagge, Francia
3	45	Brest, Idem
7	0	Barnevillo, Idem
3	0	Blavet, Idem
2	30	Bell' Isola, Idem
11	0	Bulogna, Idem
6	45	Bristol, Inghilterra
10	45	Brightemston, Idem
3	0	Barwich, Idem
1	3	Brille, Olanda
0	0	Beacher, Inghilterra
0	0	Bojader, (capo) costa occidentale dell' Africa
3	0	Bordò, Francia
6	0	Cancale, Idem
2	45	Capo de Four, Idem
6	15	Capo de Carnarourt, Irlanda
2	30	Capo di Buona Speranza, Africa
3	0	Croisio, Concareou, Francia
7	30	Cherburg, Idem
9	0	Cajen, Idem
11	30	Calé, Idem
2	30	Cadice, Spagna
4	30	Capo Cleur, Irlanda
10	30	Cowes, Isola di Wigh, Inghilterra
8	30	Dives, Francia
10	51	Dioppe, Idem
11	45	Dunkerque, Idem
6	0	Darmout, Inglilterra
11	30	Douvres, Inghilterra
3	30	Dingle, Irlanda
3	0	Dordreht, Olanda
9	15	Dublino, Irlanda
6	0	Dungarnam, Idem
9	45	Dunnosse, n Dungenes, Inghilterra
9	0	Embouchnre della Senna, Francia
11	0	Embouchure della Somma, Idem
6	0	Embouchure, del Fiumo Sever, Inghilterra
12	0	Idem del Tamigi, Idem
1	30	Idem della Mosa, Olanda
12	30	Eclns di Flessinghe Idem
3	0	Embouchure della Loira, Francia
8	30	Estrehan, Idem
11	0	Estaple, Idem
4	30	Edimbnrgo, Scozia
5	30	Edistone canalo d'Inghilterra
9	45	Fecamp, Francia
5	30	Famouth, Inghilterra
6	45	Granville, Francia
0	0	Gibilterra, Spagna
1	30	Gorè (isola) costa occidentalo di Africa
0	0	Gravelines, Francia
11	0	Hastinguo, Inghilterra
6	0	Hambourg, Alemagna
8	0	Isigny, Francia
9	0	Isola di Wigh, Inghilterra
1	0	Isola di Zelanda, Olanda
5	15	Kingsale, Idem
3	45	La Roccella, Francia
7	30	Lizzardo, (capo) Inghilterra
4	30	La Rocca Bennardo, Francia
8	0	Lima, Inghilterra
2	15	Lisbona, Portogallo
3	0	Londra, Inghilterra
3	30	Memissau, Francia
3	0	Morbihan, Idem
6	30	Monte S. Michelo Idem
6	0	Milfor, Inghilterra
12	4	Madera, Oceano Atlantico, Africa
11	45	Nieuport, Francia
3	0	Neweastle, Inghilterra
3	0	Nantes, Francia
3	0	North (capo) Enropa
3	15	Olonne, Francia
12	12	Ostende, Idem
4	30	Ouessant (isola) Idem
6	30	Pontorson, Idem
8	0	Port-en-Bessin, Idem
2	15	Penemarck, Francia
6	0	Plimonth, Inghilterra
8	0	Portland, Idem
11	15	Porstmonth, Idom
10	0	Pemsey, Idem
7	30	Qnebec, (canadà) Amorica
9	0	Rada di Grazia, Francia
3	45	Rada, o Riviera all' Ovest, Irlanda
1	15	Rouven, Francia
3	45	Royan, Idem
4	15	Rochefort, Idem
5	15	Rosse, Irlanda
3	0	Rotterdam, Olanda
3	0	Ré, (Isola) dell'Oceano, Francia
6	0	San-Davido, Inghilterra
2	15	San-Elena, Idem
2	30	San-Giovanni di Luz, Francia
6	0	St-Johris, Terra nuova, America
6	0	San-Malò, Francia
3	45	St-Mary' (isola) di Scilli, Inghilterra
5	30	San-Michele, Idem
4	0	San-Pol-de-Leon, Francia
9	45	San-Valerio in Caux, Idem
11	0	San-Valerio, Idem
10	30	Sènègal, Africa
10	30	Treport, Francia
3	45	Vannes, Idem
9	0	Vaymonts, Inghilterra
10	38	Watefort, Irlanda
6	30	Vicklo, Idem
6	0	Yonghatte, Idem
1	30	Yarmouth, Inghilterra
3	0	Yorck (nuova) Tersey', America

TAVOLA XIV.

Tempo in cui l'alta marea avanza o ritarda in ogni giorno, nella ragione dell'ora del passaggio della luna nel meridiano.

Passaggio della LUNA pel meridiano.	Parallasse orizzontale.								Passaggio della LUNA pel meridiano.
	61′ 00″	60′ 07″	59′ 15″	58′ 22″	57′ 30″	56′ 37″	55′ 45″	54′ 00″	
or. m.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	or. m.
0 00	4 00—	2 00—	2 00—	1 00—	00 00—	1 22+	2 45+	5 30+	12 00
0 05	5 03	3 37	3 11	2 14	1 18	0 02—	1 15	3 49	12 05
0 10	6 07	5 14	4 22	3 29	2 37	1 26	0 15—	2 08	12 10
0 15	7 11—	6 22—	5 33—	4 44—	3 56—	2 55—	1 45—	0 17+	12 15
0 20	8 15	7 30	6 45	6 00	5 15	4 15	3 15	1 15—	12 20
0 25	9 18	8 57	7 56	7 14	6 53	5 39	4 44	2 56	12 25
0 30	10 22—	9 44—	9 07—	8 29—	7 52—	7 03—	6 14—	4 37—	12 30
0 35	11 26	10 52	10 18	9 44	9 11	8 27	7 44	6 18	12 35
0 40	12 30	12 00	11 30	11 00	10 30	9 52	9 15	8 00	12 40
0 45	13 41—	13 14—	12 48—	12 22—	11 56—	11 23—	10 50—	9 45—	12 45
0 50	14 52	14 29	14 07	13 44	13 22	12 54	12 26	11 30	12 50
0 55	16 03	15 44	15 26	15 07	14 48	14 25	14 02	13 15	12 55
1 00	17 15—	17 00—	16 45—	16 30—	16 15—	15 56—	15 38—	15 00—	13 00
1 05	18 26	18 14	18 03	17 52	30 11	15 26	17 13	16 45	13 05
1 10	19 37	19 29	19 22	19 14	19 07	18 57	18 48	18 30	13 10
1 15	20 48—	20 44—	20 41—	20 37—	20 33—	20 28—	20 24—	20 15—	13 15
1 20	22 00	22 00	22 00	22 00	22 00	22 00	22 00	22 00	13 20
1 25	23 11	23 14	23 18	23 22	23 26	23 00	23 35	23 45	13 25
1 30	24 22—	24 29—	24 37—	24 44—	24 52—	25 01—	25 11—	25 30—	13 30
1 35	25 53	25 44	25 56	26 07	26 23	26 32	26 46	27 15	13 35
1 40	26 45	27 · 00	27 15	27 30	27 45	28 03	28 22	29 00	13 40
1 45	27 56—	28 14—	28 33—	28 52—	29 11—	29 34—	29 57—	30 45—	13 45
1 50	29 07	29 29	29 52	30 14	30 37	31 05	31 34.	32 30	· 13 50
1 55	30 15	30 44	31 11	31 37	32 08	32 36	33 14	34 15	13 55
2 00	31 30—	32 00—	32 30—	33 00—	33 30—	34 07—	34 45—	36 00—	14 00
2 05	32 33	33 07	33 41	34 14	34 48	35 01	36 15	37 41	14 05
2 10	33 37	34 14	34 52	35 29	36 07	35 56	37 45	39 22	14 10
2 15	34 40—	35 21—	36 03—	36 44—	37 26—	37 50—	39 15—	41 03—	14 15
2 20	35 44	36 29	37 15	38 00	38 45	39 45	40 45	42 45	14 20
2 25	36 48	37 36	38 26	39 14	40 03	41 09	42 14	44 26	14 25
2 30	37 52—	38 44—	39 37—	40 29—	41 22—	42 33—	43 44—	46 07—	14 30
2 35	41 26	39 52	40 48	41 44	42 41	43 46	45 14	47 48	14 35
2 40	40 00	41 00	42 00	43 00	44 00	45 00	46 45	49 30	14 40
2 45	41 00—	42 02—	43 05—	44 08—	45 11—	46 27—	48 05—	51 00—	14 45
2 50	42 00	43 05	44 11	45 17	46 22	47 54	49 26	52 30	14 50
2 55	43 00	46 25	45 17	48 55	52 33	51 40	50 47	54 00	14 55
3 00	44 00—	45 11—	46 23—	52 34—	58 45—	52 34—	52 08—	55 30—	15 00
3 05	45 00	46 13	47 28	51 12	54 56	40 31	53 28	57 00	15 05
3 10	46 00	47 16	48 33	49 50	51 07	27 57	54 48	58 30	15 10
3 15	44 30—	47 04—	49 39—	50 58—	52 18—	41 43—	56 09—	60 00—	15 15
3 20	43 00	46 52	50 45	52 07	53 30	55 30	57 30	61 30	15 20
3 25	46 22	49 02	51 43	53 08	54 33	56 37	58 41	62 48	15 25
3 30	49 45—	51 13—	52 41—	54 09—	55 37—	57 44—	59 52—	64 07—	15 30
3 35	50 37	52 08	53 39	55 10	56 41	58 52	61 03	65 26	15 35
3 40	51 30	53 03	54 37	56 11	57 45	60 00	62 15	66 45	15 40
3 45	52 22—	53 58—	55 55—	57 11—	58 48—	61 07—	63 26—	68 03—	15 45
3 50	53 15	54 54	56 34	58 13	59 52	62 14	64 37	69 22	15 50
3 55	54 07	55 49	57 32	59 14	60 56	63 22	65 48	71 11	15 55
4 00	55 00—	56 45—	58 30—	60 15—	62 00—	64 30—	67 00—	72 00—	16 00
4 05	55 33	57 19	59 05	60 51	62 37	65 09	67 41	72 45	16 05
4 10	56 07	57 54	59 41	61 28	63 15	65 48	68 22	73 30	16 10

TAVOLA XIV.

Tempo in cui l'alta marea avanza o ritarda in ogni giorno, nella ragione dell'ora del passaggio della luna nel meridiano.

Passaggio della LUNA pel meridiano.	Parallasse orizzontale.								Passaggio della LUNA pel meridiano.
	61' 00"	60' 07"	59' 15"	58' 22"	57' 30"	56' 37"	55' 45"	54' 00"	
or. m.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	or. m.
4 15	56 41—	58 28—	60 16—	62 14—	63 52—	66 27—	69 03—	74 15—	16 15
4 20	57 15	59 03	60 52	62 51	64 30	67 07	69 45	75 00	16 20
4 25	57 48	59 38	61 28	63 27	65 07	67 46	70 26	75 45	16 25
4 30	58 22—	60 13—	62 04—	63 54—	65 45—	68 26—	71 08—	76 30—	16 30
4 35	58 56	60 47	62 39	64 30	66 22	69 05	71 49	77 15	16 35
4 40	59 30	61 22	63 15	65 07	67 00	69 45	72 30	78 00	16 40
4 45	59 37—	61 30—	63 24—	65 17—	67 11—	69 57—	72 43—	78 15—	16 45
4 50	59 45	61 39	63 33	65 27	67 22	70 09	72 56	78 30	16 50
4 55	59 22	61 47	63 43	65 38	67 33	70 21	73 09	78 45	16 55
5 00	60 00—	61 56—	63 52—	65 48—	67 45—	70 33—	73 22—	79 00—	17 00
5 05	60 07	62 04	64 01	65 58	67 56	70 45	73 35	79 15	17 05
5 10	60 15	62 13	64 11	66 09	68 07	70 58	73 49	79 30	17 10
5 15	60 22—	62 21—	64 20—	66 19—	68 18—	71 10—	74 03—	79 45—	17 15
5 20	60 30	62 30	64 30	66 30	68 30	71 22	74 15	80 00	17 20
5 25	59 52	61 50	63 48	65 46	67 45	70 34	73 24	79 04	17 25
5 30	59 15—	61 11—	63 07—	65 03—	67 00—	69 47—	72 34—	72 08—	17 30
5 35	58 37	60 31	62 26	64 20	66 15	66 29	71 43	77 11	17 35
5 40	58 00	59 52	61 45	63 37	65 30	63 11	70 52	76 15	17 40
5 45	57 22—	59 12—	61 03—	62 54—	64 45—	64 53—	70 01—	75 19—	17 45
5 50	56 45	58 33	60 22	62 11	64 00	66 35	69 11	74 23	17 50
5 55	56 08	57 54	59 41	61 13	62 45	65 33	68 21	73 27	17 55
6 00	55 30—	57 15—	59 00—	60 45—	62 30—	65 00—	67 30—	72 30—	18 00
6 05	53 58	55 17	57 16	58 55	60 34	62 56	65 19	69 04	18 05
6 10	52 27	53 19	55 32	57 05	58 38	60 53	63 08	67 38	18 10
6 15	50 53—	51 59—	53 47—	55 14—	56 41—	58 49—	60 56—	65 11—	18 15
6 20	49 19	50 40	52 02	53 23	54 45	56 45	58 45	62 45	18 20
6 25	47 45	49 00	50 17	51 52	52 49	54 41	56 34	60 19	18 25
6 30	46 11—	47 21—	48 32—	49 42—	50 53—	52 38—	54 23—	57 53—	18 30
6 35	44 35	45 35	46 46	47 51	48 56	55 34	52 11	55 26	18 35
6 40	43 00	44 00	45 00	46 00	47 00	48 30	50 .00	53 00	18 40
6 45	45 22—	43 45—	42 07—	43 00—	43 52—	45 11—	46 30—	49 07—	18 45
6 50	47 45	43 30	39 15	40 00	40 45	41 52	43 00	45 15	18 50
6 55	40 07	38 15	36 22	37 00	37 37	38 33	39 30	41 22	18 55
7 00	32 30—	33 00—	33 30—	34 00—	34 30—	35 15—	36 00—	37 30—	19 00
7 05	29 52	30 15	30 37	30 57	31 17	31 23	32 30	33 37	19 05
7 10	27 15	27 30	27 45	27 55	28 05	27 32	29 00	29 45	19 10
7 15	24 37—	24 45—	24 52—	24 57—	25 02—	24 46—	25 30—	25 52—	19 15
7 20	22 00	22 00	22 00	22 00	22 00	22 00	22 00	22 00	19 20
7 25	19 27	19 17	19 07	19 00	18 52	18 41	18 30	18 37	19 25
7 30	16 54—	16 34—	16 15—	16 00—	16 45—	15 22—	15 00—	14 15—	19 30
7 35	14 12	13 47	13 22	13 00	12 37	12 03	11 30	10 22	19 35
7 40	11 30	11 00	10 30	10 00	9 30	8 45	8 00	6 30	19 40
7 45	8 57—	8 15—	7 37—	7 00—	6 22—	5 26—	9 30—	3 57—	19 45
7 50	6 15	5 30	4 45	4 00	3 15	2 07	1 00	1 15	19 50
7 55	3 37	2 45	1 53	1 00	0 8	1 11	2 30+	5 07	19 55
8 00	1 00—	0 00—	1 00+	2 00+	3 00+	4 30+	6 00+	9 00+	20 00
8 05	0 53+	1 39+	2 34	3 47	4 56	6 53	8 11	11 26	20 05
8 10	2 07	3 18	4 29	5 35	6 52	8 37	10 22	13 52	20 10
8 15	3 41+	4 42+	12 14+	7 27+	8 48+	6 41+	12 53+	16 23+	20 15
8 20	5 15	6 07	8 00	9 22	10 45	12 45	14 45	18 45	20 20
8 25	6 48	7 46	9 45	11 12	13 48	14 48	16 56	21 11	20 25

TAVOLA XIV.

Tempo in cui l'alta marea avanza o ritarda in ogni giorno, nella ragione dell'ora del passaggio della luna nel meridiano.

Passaggio della LUNA pel meridiano.	Parallasse orizzontale.								Passaggio della LUNA pel meridiano.
	61′ 00″	60′ 07″	59′ 15″	58′ 22″	57′ 30″	56′ 37″	55′ 45″	54′ 00″	
h. m.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	h. m.
8 30	8 22+	9 26+	11 30+	13 03+	14 37+	16 52+	19 07+	23 37+	20 30
8 35	9 55	11 20	13 44	14 53	16 53	18 56	21 18	26 03	20 35
8 40	11 29	13 14	14 59	16 44	18 30	21 00	23 30	28 30	20 40
8 45	12 06+	13 53+	15 40+	17 27+	19 15+	21 52+	24 20+	29 26+	20 45
8 50	12 44	14 33	16 22	18 11	20 00	22 45	25 11	30 22	20 50
8 55	13 21	15 12	17 03	18 54	20 45	23 26	26 01	31 38	20 55
9 00	13 59+	15 51+	17 44+	19 37+	21 30+	24 11+	26 52+	32 15+	21 00
9 05	14 36	16 50	18 25	20 20	22 15	24 58	27 42	33 11	21 05
9 10	15 14	17 10	19 07	21 03	23 00	25 46	28 33	34 07	21 10
9 15	15 52+	12 40+	19 18+	21 46+	23 45+	26 04+	29 24+	35 03+	21 15
9 20	16 30	18 30	20 30	22 30	24 30	27 22	30 15	36 00	21 20
9 25	16 22	18 21	20 20	22 19	24 19	27 10	30 02	35 45	21 25
9 30	16 15+	18 13+	20 11+	22 09+	24 08+	26 58+	29 49+	35 30+	21 30
9 35	16 07	15 54	20 02	21 52	23 56	26 45	29 35	35 15	21 35
9 40	16 00	12 56	19 53	21 36	23 45	26 33	29 22	35 00	21 40
9 45	15 52+	15 17+	19 43+	21 32+	23 34+	26 21+	29 09+	34 45+	21 45
9 50	15 45	17 39	19 34	21 28	23 23	26 09	28 56	34 30	21 50
9 55	15 37	17 34	19 32	21 21	23 11	26 27	29 43	34 15	21 55
10 00	15 30+	17 30+	19 30+	21 15+	23 00+	26 45+	28 30+	34 00+	22 00
10 05	14 56	16 51	18 47	20 33	22 22	24 35	27 48	33 15	22 05
10 10	14 23	16 13	18 04	19 52	21 45	22 26	27 07	32 30	22 10
10 15	13 49+	15 40+	17 28+	19 16+	21 07+	22 46+	26 26+	31 45+	22 15
10 20	13 15	15 08	16 53	18 41	20 30	23 07	25 45	31 00	22 20
10 25	12 41	14 31	16 17	18 02	19 52	22 27	25 03	30 15	22 25
10 30	12 08+	13 55+	15 42+	17 23+	19 15+	21 48+	24 22+	29 30+	22 30
10 35	11 34	13 20	15 06	19 19	18 37	21 07	23 41	28 45	22 35
10 40	11 00	12 45	14 30	21 15	18 00	20 30	23 00	28 00	22 40
10 45	10 07+	11 52+	13 32+	17 44+	16 56+	19 22+	21 44+	26 41+	22 45
10 50	9 15	10 59	12 34	14 13	15 53	18 15	20 38	25 23	22 50
10 55	8 22	10 01	11 35	13 12	14 49	17 07	19 26	24 04	22 55
11 00	7 30+	9 03+	10 37+	12 11+	13 45+	16 00+	18 15+	22 45+	23 00
11 05	6 37	8 08	9 39	10 10	12 41	14 52	17 04	21 26	23 05
11 10	5 45	7 13	8 41	10 09	11 38	13 45	15 53	20 08	23 10
11 15	4 52+	6 17+	7 43+	9 08+	10 34+	12 37+	14 41+	18 19+	23 15
11 20	4 00	5 22	6 45	8 07	9 30	11 30	13 30	17 30	23 20
11 25	3 00	4 19	5 39	6 59	8 19	10 14	12 09	16 00	23 25
11 30	2 00+	3 17+	4 34+	5 56+	7 08+	8 58+	10 49+	14 30+	23 30
11 35	1 00	2 14	3 28	4 45	5 56	7 42	9 28	13 00	23 35
11 40	0 00	1 11	2 23	3 34	4 45	6 26	8 07	11 30	23 40
11 45	1 00—	0 23+	1 17+	2 25+	3 54+	5 10+	6 47+	9 30+	23 45
11 50	2 00	0 25—	0 11	1 17	2 23	3 55	5 27	8 30	23 50
11 55	3 00	0 13	1 05	1 08	1 11	2 33	8 06	7 00	23 55
12 00	4 00	0 01	2 00	1 00	0 00	1 22	2 45	5 30	24 00

TAVOLA XV.

Del ritardamento delle maree che bisogna aggiungere all'ora dello stabilimento di un porto per avere i tempi delle alte maree in un giorno proposto. Si toglieranno 12^{or}: dalla somma se questa sorpassa tale numero.

Intervallo del tempo.		Dopo la nuova e piena luna.		Avanti il primo ed ultimo quarto della luna.		Dopo il primo ed ultimo quarto della luna.		Avanti la nuova e piena luna.	
Giorni.	Ore.	Ore	'	Ore	'	Ore	'	Ore	'
0	0	0	0	5	6	5	6	0	0
	3	0	4	4	58	5	14	11	56
	6	0	8	4	51	5	22	11	51
	9	0	13	4	44	5	31	11	47
	12	0	17	4	37	5	40	11	42
	15	0	22	4	30	5	50	11	37
	18	0	26	4	23	6	0	11	33
	21	0	31	4	16	6	10	11	28
1	0	0	36	4	9	6	20	11	23
	3	0	41	4	3	6	29	11	18
	6	0	45	3	56	6	39	11	13
	9	0	49	3	50	6	49	11	8
	12	0	54	3	44	6	58	11	3
	15	0	58	3	38	7	8	10	58
	18	1	2	3	32	7	18	10	53
	21	1	7	3	27	7	27	10	48
2	0	1	11	3	21	7	37	10	43
	3	1	15	3	16	7	46	10	37
	6	1	19	3	11	7	56	10	32
	9	1	24	3	6	8	5	10	27
	12	1	28	3	1	8	14	10	21
	15	1	32	2	56	8	23	10	15
	18	1	37	2	50	8	31	10	9
	21	1	41	2	45	8	37	10	3
3	0	1	46	2	40	8	47	9	56
	3	1	50	2	35	8	55	9	50
	6	1	54	2	30	9	2	9	44
	9	1	59	2	25	9	9	9	37
	12	2	3	2	21	9	17	9	31
	15	2	7	2	16	9	24	9	24
	18	2	12	2	12	9	31	9	17
	21	2	16	2	7	9	37	9	9
4	0	2	21	2	3	9	44	9	2

TAVOLA XVI.

Cambiamento in altezza, nell'intervallo del minuto che precede o che siegue il passaggio pel meridiano.

Lat.	Declinazione della stessa denominazione della latitudine.											
	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°
0°	*	*	56″.2	37″.4	28″.1	22″.4	18″.7	16″.0	14″.0	12″.4	11″.1	10″.1
1	*	*	*	56.1	37.4	28.0	22.4	18.6	15.9	13.9	12.4	11.1
2	56″.2	*	*	*	56.1	37.3	28.0	22.3	18.6	15.9	13.9	12.4
3	37.4	56″.1	*	*	*	55.9	37.2	27.9	22.3	18.5	15.8	13.9
4	28.1	37.4	56.1	*	*	*	55.8	37.1	27.8	22.2	18.5	15.8
5	22.4	28.0	37.3	55.9	*	*	*	55.6	36.9	27.6	22.1	18.4
6	18.7	22.4	28.0	37.2	55.8	*	*	*	55.4	36.8	27.5	22.0
7	16.0	18.6	22.3	27.9	37.1	55.6	*	*	*	55.1	36.6	27.4
8	14.0	16.0	18.6	22.3	27.8	36.9	55.4	*	*	*	54.9	36.4
9	12.4	13.9	15.9	18.5	22.2	27.7	36.8	55.1	*	*	*	54.5
10	11.1	12.4	13.9	15.8	18.5	22.1	27.6	36.6	54.9	*	*	*
11	10.0	11.1	12.4	13.9	15.8	18.4	22.0	27.4	36.4	54.5	*	*
12	9.2	10.0	11.1	12.4	13.8	15.7	18.3	21.9	27.3	36.2	54.2	*
13	8.5	9.2	10.0	11.1	12.3	13.7	15.6	18.2	21.7	27.1	35.9	53.8
14	7.9	8.5	9.2	10.0	11.0	12.2	13.6	15.5	18.1	21.6	26.9	35.6
15	7.4	7.9	8.4	9.2	9.9	10.9	12.1	13.5	15.4	17.9	21.4	26.7
16	6.9	7.3	7.8	8.4	9.1	9.8	10.8	12.0	13.4	15.3	17.8	21.2
17	6.4	6.8	7.3	7.8	8.3	9.0	9.8	10.7	11.9	13.3	15.2	17.6
18	6.0	6.4	6.8	7.2	7.7	8.2	8.9	9.7	10.7	11.8	13.2	15.0
19	5.7	6.0	6.4	6.8	7.2	7.7	8.2	8.8	9.7	10.6	11.7	13.1
20	5.4	5.7	6.0	6.3	6.7	7.1	7.6	8.2	8.8	9.6	10.5	11.6
21	5.1	5.3	5.6	5.9	6.3	6.6	7.1	7.6	8.1	8.7	9.5	10.4
22	4.9	5.1	5.3	5.6	5.9	6.2	6.6	7.0	7.5	8.0	8.6	9.4
23	4.6	4.8	5.0	5.3	5.5	5.8	6.2	6.5	6.9	7.4	7.9	8.6
24	4.4	4.6	4.8	5.0	5.2	5.5	5.8	6.1	6.4	6.8	7.3	7.8
25	4.2	4.3	4.5	4.7	4.9	5.2	5.5	5.7	6.0	6.4	6.8	7.2
26	4.0	4.1	4.3	4.5	4.7	4.9	5.2	5.4	5.7	6.0	6.3	6.7
27	3.8	4.0	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.6	5.9	6.2
28	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.8	5.0	5.2	5.5	5.8
29	3.6	3.7	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.9	5.2	5.5
30	3.4	3.5	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.7	4.9	5.2
31	3.2	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.8
32	3.1	3.2	3.3	3.4	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.6
33	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	4.0	4.2	4.4
34	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	4.0	4.1
35	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	3.9
36	2.7	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
37	2.6	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.4	3.5
38	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.3
39	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.9	3.0	3.1	3.2
40	2.3	2.3	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.9	3.0	3.1
42	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.8
44	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5
46	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3
48	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1
50	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.0
52	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8
54	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7
56	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
58	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
60	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
62	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
64	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
66	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
68	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
70	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
74	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
76	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
80	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TAVOLA XVI.

Cambiamento in altezza, nell'intervallo del minuto che precede o che siegue il passaggio pel meridiano.

	Declinazione della stessa denominazione della latitudine.												
Lat.	12°	13°	14°	15°	16°	17°	18°	19°	20°	21°	22°	23°	24°
0	9.2	8.5	7.9	7.4	6.9	6.4	6.0	5.7	5.4	5.1	4.9	4.6	4.4
1	10.0	9.2	8.5	7.9	7.3	6.8	6.4	6.0	5.6	5.3	5.1	4.8	4.6
2	11.1	10.0	9.2	8.4	7.8	7.3	6.8	6.3	5.9	5.6	5.3	5.0	4.8
3	12.4	11.1	10.0	9.2	8.4	7.8	7.2	6.7	6.3	5.9	5.6	5.3	5.0
4	13.8	12.3	11.0	9.9	9.1	8.3	7.7	7.2	6.7	6.3	5.9	5.5	5.2
5	15.7	13.7	12.2	10.9	9.8	9.0	8.2	7.6	7.1	6.7	6.2	5.8	5.5
6	18.3	15.6	13.6	12.1	10.8	9.8	8.9	8.2	7.6	7.1	6.6	6.2	5.8
7	21.9	18.2	15.5	13.5	12.0	10.7	9.7	8.8	8.2	7.6	7.0	6.5	6.1
8	27.3	21.7	18.1	15.4	13.4	11.9	10.7	9.7	8.8	8.1	7.5	6.9	6.4
9	36.2	27.1	21.6	17.9	15.3	13.3	11.8	10.6	9.6	8.7	8.0	7.4	6.8
10	54.2	35.9	26.9	21.4	17.8	15.2	13.2	11.7	10.5	9.5	8.6	7.9	7.3
11	*	53.8	35.6	26.7	21.2	17.6	15.0	13.1	11.6	10.4	9.4	8.5	7.8
12	*	*	53.4	35.4	26.5	21.1	17.5	14.9	13.0	11.5	10.3	9.3	8.4
13	*	*	*	52.9	35.1	26.2	20.9	17.3	14.7	12.8	11.3	10.1	9.1
14	53.4	*	*	*	52.5	34.8	26.0	20.7	17.1	14.6	12.7	11.1	9.8
15	35.4	52.9	*	*	*	51.9	34.4	25.7	20.4	16.9	14.4	12.5	11.0
16	26.5	35.1	52.5	*	*	*	51.4	34.0	25.4	20.2	16.7	14.2	12.4
17	21.1	26.2	34.8	51.9	*	*	*	50.8	33.6	25.1	20.0	16.5	14.0
18	17.5	20.9	26.0	34.4	51.4	*	*	*	50.3	33.3	24.8	19.7	16.4
19	14.9	17.3	20.7	25.7	34.0	50.8	*	*	*	49.6	32.8	24.5	19.4
20	13.0	14.7	17.1	20.4	25.4	33.6	50.3	*	*	*	49.0	32.4	24.2
21	11.5	12.8	14.5	16.9	20.2	25.1	33.3	49.6	*	*	*	48.3	32.0
22	10.3	11.3	12.6	14.3	16.8	20.0	24.8	32.8	49.0	*	*	*	47.7
23	9.3	10.1	11.1	12.5	14.2	16.5	19.7	24.5	32.4	48.3	*	*	*
24	8.4	9.2	10.0	11.1	12.4	14.0	16.3	19.4	24.2	31.9	47.7	*	*
25	7.7	8.3	9.0	9.9	11.0	12.3	13.8	16.1	19.2	23.8	31.5	46.9	*
26	7.1	7.6	8.2	9.0	9.8	10.8	12.1	13.6	15.9	18.9	23.5	31.0	46.2
27	6.6	7.0	7.5	8.1	8.8	9.6	10.7	11.9	13.5	15.6	18.6	23.1	30.5
28	6.2	6.5	6.9	7.4	8.0	8.7	9.5	10.5	11.7	13.3	15.4	18.3	22.7
29	5.8	6.1	6.5	6.9	7.3	7.9	8.6	9.4	10.3	11.5	13.1	15.1	18.0
30	5.5	5.7	6.0	6.4	6.8	7.3	7.8	8.5	9.2	10.1	11.3	12.9	14.9
31	5.1	5.3	5.6	5.9	6.3	6.7	7.1	7.6	8.3	9.1	10.0	11.1	12.7
32	4.8	5.0	5.2	5.5	5.8	6.2	6.6	7.0	7.5	8.2	8.9	10.4	10.9
33	4.5	4.7	4.9	5.1	5.4	5.7	6.1	6.5	6.9	7.4	8.0	8.7	9.5
34	4.3	4.4	4.6	4.8	5.1	5.3	5.6	5.9	6.3	6.8	7.3	7.9	8.5
35	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.5	5.8	6.2	6.7	7.2	7.7
36	3.8	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.4	5.7	6.1	6.5	7.0
37	3.6	3.7	3.9	4.0	4.2	4.4	4.6	4.8	5.0	5.3	5.6	6.0	6.5
38	3.4	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.7	4.9	5.2	5.6	6.0
39	3.3	3.4	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.6	4.9	5.1	5.5
40	3.2	3.2	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.3	4.5	4.7	5.0
42	2.9	2.9	3.0	3.0	3.1	3.3	3.5	3.6	3.6	3.8	4.0	4.2	4.3
44	2.6	2.7	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.8
46	2.4	2.4	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3
48	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.9	3.0
50	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.6
52	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.4
54	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1
56	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
58	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7
60	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
62	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4
64	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
66	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
68	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
70	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
72	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
74	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
76	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
78	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TAVOLA XVI.

Cambiamento in altezza, nell'intervallo del minuto che precede o che siegue il passaggio pel meridiano.

Lat.	Declinazione di specie diverse della latitudine.											
	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°
0°	*	*	*	37″.4	28″.1	22″.4	18″.7	16″.1	14″.1	12″.4	11″.1	10″.1
1	*	*	37″.4	28.1	22.4	18.7	16.1	14.1	12.4	11.1	10.1	9.2
2	*	37″.4	28.2	22.4	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6
3	37″.4	28.1	22.4	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0
4	28.1	22.4	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.4
5	22.4	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.4	6.9
6	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.4	6.9	6.5
7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.5	7.0	6.5	6.2
8	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9
9	12.4	11.1	10.2	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6
10	11.1	10.1	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6	5.3
11	10.1	9.2	8.5	8.0	7.5	7.0	6.6	6.2	5.9	5.6	5.3	5.1
12	9.2	8.5	7.9	7.4	7.0	6.6	6.2	5.9	5.6	5.3	5.1	4.9
13	8.5	7.9	7.4	6.9	6.5	6.2	5.9	5.6	5.3	5.1	4.9	4.6
14	7.9	7.4	6.9	6.5	6.1	5.8	5.6	5.3	5.1	4.9	4.6	4.4
15	7.4	6.9	6.5	6.1	5.8	5.5	5.3	5.0	4.9	4.6	4.4	4.2
16	6.9	6.5	6.1	5.8	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.0
17	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.9
18	6.0	5.8	5.5	5.2	4.9	4.8	4.6	4.4	4.2	4.0	3.9	3.7
19	5.7	5.5	5.2	4.9	4.7	4.6	4.4	4.2	4.0	3.9	3.7	3.6
20	5.4	5.2	4.9	4.7	4.5	4.4	4.2	4.1	3.9	3.7	3.6	3.5
21	5.1	4.9	4.7	4.5	4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4
22	4.9	4.7	4.5	4.3	4.2	4.1	3.9	3.7	3.6	3.5	3.4	3.3
23	4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2
24	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
25	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0
26	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9
27	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8
28	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7
29	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6
30	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.6
31	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.5
32	3.1	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
33	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
34	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3
35	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.2	2.2
36	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2
37	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
38	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0
39	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0
40	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9
42	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8
44	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
46	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6
48	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5
50	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4
52	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3
54	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2
56	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
58	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
60	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
64	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
66	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
68	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
70	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
74	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
76	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
78	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3			

TAVOLA XVI.

Cambiamento in altezza, nell'intervallo del minuto che precede o che siegue il passaggio pel meridiano.

Lat.	Declinazione della stessa denominazione della latitudine.												
	12°	13°	14°	15°	16°	17°	18°	19°	20°	21°	22°	23°	24°
0	9″.2	8″.5	7″.9	7″.4	6″.9	6″.4	6″.0	5″.7	5″.4	5″.1	4″.9	4″.6	4″.4
1	8.5	7.9	7.4	7.0	6.5	6.1	5.7	5.4	5.2	4.9	4.7	4.4	4.2
2	7.9	7.4	7.0	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4 5	4.3	4.1
3	7.4	7.0	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3	4.1	3.9
4	7.0	6.6	6.2	5.9	5.5	5.2	5.0	4.7	4 5	4.3	4.1	3.9	3.8
5	6.5	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3	4.1	4.0	3.8	3.7
6	6.1	5.9	5.5	5.2	4.9	4.7	4.5	4.4	4.2	4.0	3.9	3 7	3.6
7	5.8	5.5	5.2	5.0	4.7	4.5	4.4	4.2	4.0	3.9	3 8	3.6	3.5
8	5.6	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.6	3.5	3.4
9	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3
10	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.6	3.5	3 4	3.3	3.2
11	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1
12	4.6	4.4	4.3	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0
13	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9
14	4.2	4 0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8
15	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8
16	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2 8	2.7
17	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7
18	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2 6
19	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5
20	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4
21	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2·4
22	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3
23	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.3
24	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2
25	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2·3	2.2	2.2
26	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1
27	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1
28	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0
29	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0
30	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0
31	2 5	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9
32	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.8
33	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8
34	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
35	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.7
36	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7
37	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.6
38	2.0	2.0	1.9	1 9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
39	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
40	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5
42	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
44	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4
46	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3
48	1.5	1.5	1.4	1·4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
50	1.4	1.4	1.4	1.4	1.3	1.3	1,3	1.3	1 3	1.3	1.2	1.2	1.2
52	1.3	1,3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
54	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
56	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
58	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
62	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
64	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0 8	0.8	0.8
66	0.8	0.8	0,8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7		
68	0.7	0.7	0.7	0,7	0.7	0.7	0.7	0,7	0.7				
70	0.7	0.7	0.7	0.7	0.7	0.6	0.6						
72	0.6	0,6	0.6	0.6	0.6								
74	0.5	0.5	0,5										
76	0.5												
78													

TAVOLA XVI.

MOLTIPLICATORI de' numeri della tavola precedente.

Sec.	Intervallo del tempo decorso tra l'ora dell' osservazione, ed il mezzodì.										
	0^m	1^m	2^m	3^m	4^m	5^m	6^m	7^m	8^m	9^m	10^m
s 0	0.0	1.0	4.0	9.0	16.0	25.0	36.0	49.0	64.0	81.0	100.0
1	0.0	1.0	4.1	9.1	16.1	25.2	36.2	49.2	64.3	81.3	100.3
2	0.0	1.1	4.1	9.2	16.2	25.3	36.4	49.5	64.5	81.6	100.7
3	0.0	1.1	4.2	9.3	16.4	25.5	36.6	49.7	64.8	81.9	101.0
4	0.0	1.1	4.3	9.4	16.5	25.7	36.8	49.9	65.1	82.2	101.3
5	0.0	1.2	4.3	9.5	16.7	25.8	37.0	50.2	65.3	82.5	101.7
6	0.0	1.2	4.4	9.6	16.8	26.0	37.2	50.4	65.6	82.8	102.0
7	0.0	1.3	4.5	9.7	16.9	26.2	37.4	50.6	65.9	83.1	102.3
8	0.0	1.3	4.6	9.8	17.1	26.3	37.6	50.9	66.1	83.4	102.7
9	0.0	1.3	4.6	9.9	17.2	26.5	37.8	51.1	66.4	83.7	103.0
10	0.0	1.4	4.7	10.0	17.4	26.7	38.0	51.4	66.7	84.0	103.4
11	0.0	1.4	4.8	10.1	17.5	26.9	38.2	51.6	67.0	84.3	103.7
12	0.0	1.4	4.8	10.2	17.6	27.0	38.4	51.8	67.2	84.6	104.0
13	0.0	1.5	4.9	10.3	17.8	27.2	38.6	52.1	67.5	84.9	104.4
14	0.0	1.5	5.0	10.4	17.9	27.4	38.8	52.3	67.8	85.3	104.7
15	0.1	1.6	5.1	10.6	18.1	27.6	39.0	52.5	68.1	85.6	105.1
16	0.1	1.6	5.1	10.7	18.2	27.7	39.3	52.8	68.3	85.9	105.4
17	0.1	1.6	5.2	10.8	18.3	27.9	39.5	53.1	68.6	86.2	105.7
18	0.1	1.7	5.3	10.9	18.5	28.1	39.7	53.3	68.9	86.5	106.1
19	0.1	1.7	5.4	11.0	18.6	28.3	39.9	53.5	69.2	86.8	106.4
20	0.1	1.8	5.4	11.1	18.8	28.4	40.1	53.8	69.4	87.1	106.8
21	0.1	1.8	5.5	11.2	18.9	28.6	40.3	54.0	69.7	87.4	107.1
22	0.1	1.9	5.6	11.3	19.1	28.8	40.5	54.3	70.0	87.7	107.5
23	0.1	1.9	5.7	11.4	19.2	29.0	40.7	54.5	70.3	88.0	107.8
24	0.2	2.0	5.8	11.6	19.4	29.2	41.0	54.8	70.6	88.4	108.2
25	0.2	2.0	5.8	11.7	19.5	29.3	41.2	55.0	70.8	88.7	108.5
26	0.2	2.1	5.9	11.8	19.7	29.5	41.4	55.3	71.1	89.0	108.9
27	0.2	2.1	6.0	11.9	19.8	29.7	41.6	55.5	71.4	89.3	109.2
28	0.2	2.2	6.1	12.0	19.9	29.0	41.8	55.8	71.7	89.6	109.6
29	0.2	2.2	6.2	12.1	20.1	30.1	42.0	56.0	72.0	89.9	109.9
30	0.3	2.3	6.3	12.3	20.3	30.3	42.3	56.3	72.3	90.3	110.3
31	0.3	2.3	6.3	12.4	20.4	30.4	42.5	56.5	72.5	90.6	110.6
32	0.3	2.4	6.4	12.5	20.5	30.6	42.7	56.7	72.8	90.9	111.0
33	0.3	2.4	6.5	12.6	20.7	30.8	42.9	57.0	73.1	91.2	111.3
34	0.3	2.5	6.6	12.7	20.8	31.0	43.1	57.3	73.4	91.5	111.7
35	0.3	2.5	6.7	12.8	21.0	31.2	43.3	57.5	73.7	91.8	112.0
36	0.4	2.6	6.8	13.0	21.2	31.4	43.6	57.8	74.0	92.2	112.4
37	0.4	2.6	6.9	13.1	21.3	31.5	43.8	58.0	74.3	92.5	112.7
38	0.4	2.7	6.9	13.2	21.5	31.7	44.0	58.3	74.5	92.8	113.1
39	0.4	2.7	7.0	13.3	21.6	31.9	44.2	58.5	74.8	93.1	113.4
40	0.4	2.8	7.1	13.4	21.8	32.1	44.4	58.8	75.1	93.4	113.8
41	0.5	2.8	7.2	13.6	21.9	32.3	44.7	59.0	75.4	93.8	114.1
42	0.5	2.9	7.3	13.7	22.1	32.5	44.9	59.3	75.7	94.1	114.5
43	0.5	2.9	7.4	13.8	22.2	32.7	45.1	59.5	76.0	94.4	114.8
44	0.5	3.0	7.5	13.9	22.4	32.9	45.3	59.8	76.3	94.7	115.2
45	0.6	3.1	7.6	14.1	22.6	33.1	45.5	60.0	76.6	95.1	115.6
46	0.6	3.1	7.7	14.2	22.7	33.3	45.8	60.3	76.8	95.4	115.9
47	0.6	3.2	7.7	14.3	22.9	33.4	46.0	60.6	77.1	95.7	116.3
48	0.6	3.2	7.8	14.4	23.0	33.6	46.2	60.8	77.4	96.0	116.6
49	0.7	3.3	7.9	14.6	23.2	33.8	46.5	61.1	77.7	96.4	117.0
50	0.7	3.4	8.0	14.7	23.4	34.0	46.7	61.4	78.0	96.7	117.4
51	0.7	3.4	8.1	14.8	23.5	34.2	46.9	61.6	78.3	97.0	117.7
52	0.8	3.5	8.2	15.0	23.7	34.4	47.2	61.9	78.6	97.4	118.1
53	0.8	3.5	8.3	15.1	23.8	34.6	47.4	62.1	78.9	97.7	118.4
54	0.8	3.6	8.4	15.2	24.0	34.8	47.6	62.4	79.2	98.0	118.8
55	0.8	3.7	8.5	15.3	24.2	35.0	47.8	62.7	79.5	98.3	119.2
56	0.9	3.7	8.6	15.5	24.3	35.2	48.1	62.9	79.8	98.7	119.5
57	0.9	3.8	8.7	15.6	24.5	35.4	48.3	63.2	80.1	99.0	119.9
58	0.9	3.9	8.8	15.7	24.7	35.6	48.5	63.5	80.4	99.3	120.3
59	1.0	3.9	8.9	15.9	24.8	35.8	48.8	63.7	80.7	99.7	120.6

ERRATA

Pag.	V.	ERRORI.	CORREZIONI.
7	22	adorna,	adorna, vien detta il *carro*
29	15	di legno	di legno, anche sostenuto in due punti opposti per diametro
32	32	diviene	si viene
34	11	colle buline issate	boline stirate al maggior possibile
48	40	, dal punto D.	, e su di questa dal punto D
Id. a	49	nelle sue parti,	nelle loro parti
49	37	di qualunque.	qualunque
50	4	$d - d'$	$d' - d$
Id.	10	della quantità	per renderla uguale a
Id.	34 e seg.	Som = − 17.93168 Log. 2R = 20.00000 Log. 0.0854 = − 2.06832 4.00000 Log. di 854 = 1.93168 D = 0.0854 2D = 0.1708 Dunque d − d' = 0.1708	Som. = 17.93168 2 Log. R = 20.00000 Log. 0:00854 = − 2.06832 4.00000 Log. 85.44 = 1.93168 Dunque $D\,\text{sen}\,{}^1/_2(L+L')\,\text{sen}\,{}^1/_2(L'-L)=0.008544$ $d'-d=2D\,\text{sen}\,{}^1/_2(L+L')\,\text{sen}\,{}^1/_2(L-L')=0.017088$
Id.	45 e seg.	Som. = 17.94454 Log. 2R = 20.00000 − 2.05546 4 Log. 88 = 9.9463	Som. = 17.94454 2 Log. R = 20.00000 Log 0.008801 = − 2.05546 4.00000 Log. 88.91 1.94454
51	1 a 3	Dunque D = 0.88 2D = 0.176 Quindi d' − d'' = 0.176	Dunque $D\,\text{sen}\,{}^1/_2(L'+L'')\,\text{sen}\,{}^1/_2(L''-L')=0{,}008801$ $2D\,\text{sen}\,{}^1/_2(L'+L'')\,\text{sen}\,{}^1/_2(L''-L')=0{,}017602$ Laonde $d''-d'=0.017602$
54	14 a 15	di questa.	della carta
56	15	essa è.	esse sono
58	1	così si avanza.	così si avanza convenevolmente
Id.	10	si avrà.	daranno
59	5	è perciò.	e perciò
Id.	36	BGR	BG
61	6	di K + KM	di bK+KM
Id.	7	L' bM	L'M
62	35	QR+RS+SU ec.	: QR+RS+SU ec.
63	ult.	arrivata	arrivata. Negli enunciati de' problemi 2°, 3° e 4°, si presume determinata la latitudine arrivata, col supporsi nota la differenza di latitudine
67	7	ovo	ove
70	25	2°. 270	n°. 259
71	18 a 19	al luogo, di partenza	sul luogo di partenza,
77	10	0.17511	10.17511.
Id.	19	Si trova; la differenza	si trovi la differenza
80	15	si sono navigate	si sono avanzate

84	12	52°. 32′	52°. 32′ Sud
Id.	26	Log. di 29°. 16′	Log. cos. di 29°. 15′
86	11	tang. del romba S561°. 31′. 12″ E.	tang. del rombo S61°. 31′. 12″ E
87	2	Latitudine 56°. 27	latitudine 53°. 27
Id.	22	che una rotta percorsa	che per una rotta percorsa
88	6	Lat. part = 51°. 3′ N	Lat. part. = 51°. 37′ N
Id.	24	per SO $^1/_4$ S	per SO$^1/_4$S sino alla latitud. 47°.08′ S
Id.	27	Lat: ar = 47°. 88	Lat: ar. = 47°.08′
95	16	e di quella	ed in quella
98	15	nella latitudine 52°. 58	nella latitudine 51°. 38
Id.	32	198, 3 = 18′	198 = 3°. 18′
100	7	differenze	differenza
102	21	Fq ed Hs	Fq, Gr, ed Hs
Id.	23	Eo, ed Hs	Fq, Gr, ed Hs
104	5	24 ... N $^1/_4$ NO ... O $^1/_4$ NO	24 ... O $^1/_4$ NO ... N $^1/_4$ NO
Id.	17	2. 490	+ 2. 49 O
106	32	il fluido	il mare
107	19	gnomenica	gnomonica
108	12	proeduto	preceduto
109	37	ascensiono	ascensiene retta
112	37	quarto anno susseguente	quarto anne secolare susseguente
113	15	$\frac{360}{365^g. 6^{or}. 9'. 10''. 2}$	$\frac{360°}{366^g. 6^{or}. 9'. 10''; 2}$
Id.	38	360″	360°.
115	15	sieno eguali	fossero eguali
116	9	comularsi	cumularsi
119	ult.	marcata	indicato
Id.	23	anzi	e
120	16	determinazione d'ua	determinazione del site di un
Id.	17	d'un	dell'
122	10	mutazione	nutazione
Id.	18	da medesime	del medesimo
125	ult.	265°. 19′. 30″	165°. 19′. 30″
128	17	19. 86899	19. 56899
Id.	penult.	Log. Sen. 12°. 2. 16 — 10	Som — 10 = Log Sen 12°.02′.16″.
129	6	Arce corrisp. = 29°. 25′. 22″ Tolta da 360 Ascens = 330. 34. 38	Arco corrisp. aB′G′(Fig.26) = 29°. 25′. 22″. 180 Asc:retta = 150.34.38
Id.	15	BS	BS‴
Id.	23	Sea Bi	Sen BG‴
134	3	glubolosa	globulosa
Id.	20	levioata	levigata
Id.	23	alla platica	al platino
Id.	34	che in esso	che la luce solare in esso
Id.	43	che raffigura	che in esso si raffigurano
Id.	44	divergono	convergono
Id.	45	rifrazione e riflessione	rifrazioni o riflessioni
135	40	telescopio Galileono	telescopio terrestre
Id.	ult.	nella base una leate concava concava	nelle basi due lenti convosse con vesse
136	3	della intermedia lente concava concava	delle intermedie lenti convesse convesse
138	ult.	dalla	della
139	4	per uno	da una N. B. Nel termine della retta Ny. B(Fig. 30), vi manca la lettera M.
141	38	19 + 10	19 × 10′
143	19	quali divivisioni	quale divisiona
145	1	vada	e vada
153	20	non vi loccano	non si toccano
Id.	42	ad una	da una stalla

155	19	incavate	sporgenti
157	ult.	i di loro raggi	i suoi raggi
160	14	parallela	parallelo
162	26	87°. 38′	97°. 38′
169	2	si svolgerà	si capovolgerà
170	23	composta da infinite rette	generata da una delle infinite linee rette
171	9	in cui	che
172	21	di 0,08	di circa 0, 08
173	20	decresce dall'alto	cresce dall'alto
Id.	28	uno di tali generatrici	una di tali generatrici
175	9	milia metri	miriametri
Id.	22	del tubetto	del tubetto che vi ha piede
178	8	l'angolo parallattico	il triangolo parallatico CAS, ovo giace CSA.
182	20	MAZ	LAZ
185	35	segna mezzodì	segna a mezzodì
191	24	Longitudine 12°. 18′ O	Longitudino 12°. 18′ E
Id.	penult.	Long. della navo 12°, 18 O	Long. della nave 12°. 18′ E
194	20	Idom pel 29 Agosto	Idem pel 28 Agosto a 12^or.
195	5	Idem 16 Feb.	Idem pel 15 Feb. a 12^or
196	32	2:° diff:° + 1″, 7 + 28, 2 Som = + 29, 9 ½ S = + 14. 9	2 diff. − 1″, 7 − 28, 2 Som = − 29, 9 ½ S = − 14, 9
197	4	Correz. a farsi alla par. prop. = − 1″,9 Par. prop. = + 18′. 23, 1 Par. prop. a 6^or. 24′. cor. = + 18. 21, 2 Lat°. della luna pel 17 a 12^or = + 27.46, 3 Lat. carcata = 46. 5, 5 B	= + 1″,9 = + 18′. 23, 1 = + 18.25, 0 = + 27.46, 3 = 0°. 46.11, 3 B
Id.	18	2. diffe. + 3′. 25″, 9 + 5. 47, 9 Som = + 9. 13, 8 ½ S = + 4. 36, 9	2 diff. − 3′. 25″. 9 − 5. 47, 9 = − 9. 13, 8 = − 4. 36, 9
Id.	27	Correz. a farsi alla parte prop. = − 33″,3 Parte propor. = 1.10.45. Par. prop. carrette = 1.10.11,7 Decl. ☾ 20 Luglio a 12^or = + 8. 2.13,7 Decl. P 20 Luglio a 16^or. 48′ = 9.12.25.4 B	= + 33″,3 = + 1′. 10. 45 = + 1. 11. 18,3 = + 8. 2. 13.7 B = 9. 13. 32, 0 B
198	29	1°. diff°. 2°. diff°. 1°.38′.51″ 1. 38. 43 + 08 1. 38. 37 + 06 Som = 14 ½ S = 7	1°. diff°. 2°. diff°. + 1. 38. 51 + 1. 38. 43 − 8 + 1. 38. 37 − 6 Som = − 14 ½ S = − 7

199	4	Correz. a farsi alla par. prop. = — 0",7	= + 0", 7
		Parte proporz. = + 31'. 9, 5	= + 31'. 9, 5
		Par. prop. a 54' corretta = + 31. 08,8	= + 31. 10, 2
		Dist. ☽ ☉ pel gior. 18 a 21^or = 82°.10. 51,	= + 82. 10. 51.
		Dist. cer. ☽ ☉ = 82. 41.59,8	= 82. 42. 01, 2
			Nota — Per interpolare tra i numeri calcolati nella tav. della con. de' tempi, bisogna dare il segno + alle tre differenze prime, se i quattro numeri presi van crescendo, ed il segno — se vaa diminuendo. Si darà poi alle differenze seconde l'istesso segoo che quello che hanno le prime, se queste vao crescendo, ed il segno contrario se van diminuendo.
202	26	Altez. vera ☉ = 48°. 45. 51. 11	48°. 45'. 50, 11
Id.	28	Altez. v. cerc. = 49. 08. 38. 26	49. 02. 37. 26
204	34	Altezza apparente ☾ = 42°33'02"8	= 42°. 03'. 02". 8
205	31	Correzione = — 36",8	= + 36. 8
		Paral. rifres. correl. = 48'.14".2	= 49. 27. 8
206	1	Altez. vera ☾ = 22° 21. 17. 0	= 22. 22. 30. 6
Id.	5	Altez. v. cerc. = 22 36 33	Altez. vera ☾ cercata = 22. 37. 46. 6
209	18	sarà sottrattivo o additivo	sarà additivo o sottrattivo.
212	14	del medesimo	della medesima
220	26	Volendosi l'amplitudine	Volendosi l'azimutto, l'amplitndine vera, ed anche l'amplitudine apparente
224	21	; abe	, ed abe
227	6	obe di 4	che è di 4
233	32	la forsa atrsaente	ovvero la forza attraente
236	36	è tanto più piccolo o più grande, quanto lo è il ritardo	è ora più piccolo, ed ora più grande del ritardo
Id.	38	ritarda ogni giorno	ritarda o avanza in tutti i giorni.
240	18	non è un ora	non è che un' ora
Id.	penult.	Longitudine 28°. 30' O	Longitudine 28°. 30' E
241	11	Asc. ret. del sole per ag. 15 a 24' = 9.40.04.24	9^or. 40'. 01", 24
		Ascens. retta di Regolo a mezzodì = 9.39.52.17	9. 59. 52. 17
		Ora prec. I. V. Vel pas. merid. Pag. Agos. 14 a 23.59.50.95	Agosto 15 a 19^or. 50', 93 + 1. 54
		Diff. di merid. 28°. 30' E	Ora cercata = 15^s.21. 44. 93 pel passaggio di Regolo pel meridiano della nave
248		Al n°. 794 Caso 1°,	Nota — Coll' analogia esposta al n°. 794 si potrà determinare anche l'angolo orario del sole nel suo sorgere o tramontare vero. Indi ridotto tale angolo in tempo, dinoterà l'ora del tramontare vero del sole, o tolto lo stesso da 12.^or disegnerà l'ora del suo sorgere vero in t. c.

253	13	$\frac{1}{2}$ Som — L	$\frac{1}{2}$ Som — D
Id.	14	$\frac{1}{2}$ Som — D	$\frac{1}{2}$ Som — L
257	24	in teiapo medio	in tempe vero
258	20	e ehe ia tal easo il verticale	o ehe il verticale
Id.	ult.	Per maggiore ehiarezza si aggiaoge alla nota.	L'angolo descritto suole dirsi aache *angolo di variazione*, o angolo *paraliattico*; e d'aleuni per aagolo di posizione s'intende l'angolo formato nel ceatro dell'astro dal cerchio di latitudine e dal eerchio di declinazione.
260	18	al passaggio fatto pel primo verticale	al passaggio pel primo verticalo
Id.	ult.	l'altezza	l'altezza vera
262	1	$\text{Sen}\,\frac{1}{2}P = \sqrt{\frac{\text{sca}\,\frac{1}{2}(E+L+D)-L\,\text{sen}\,\frac{1}{2}(E+L+D)-D\times R^2}{\text{Sen}\,L\,\text{Sen}\,D}}$	$\text{Seo}\,\frac{1}{2}P = \sqrt{\frac{\text{sen}(\frac{1}{2}s-L)\,\text{sea}(\frac{1}{2}s-D)\times R^2}{\text{sen}\,L\,\text{sea}\,D}}$ lo stesso per le altre simili formole
264	7	della	dalla
265	9	cos 45°. 32′	cos 46°. 32′
Id.		Esempio II.	Si avverte che la stella Regolo trovandosi nel cuore di Leone, perció nelle eireostanze indicate coll'enunciativa del problema, trovasi nell'emisfero iavisibile. Dunque l'esempio II. valer debbe semplicemente per tipo della calcolazione.
267	29	o globo	o ad un globo
269	31	dell'orizzonte	dall'orizzonte
272	15	19°. 34′. 59″ NO	= 19°. 33′. 59″ NO
Id.	20	18. 30. NE	17. 30 NE
277	28	applicata alla specie	fatto per conoscere la specie della variazione della bussola dal confronto delle due amplitudini
281	9	48°. 25	cos 48°. 25′
282	5	794 procedeodo come appresso	815, operando como nell'esempio precedente
283	2	eos 62°. 13. 25″	cos 52°. 13′. 25″
Id.	23	altezza appareate	altezza istrumeatale
284	7	eompasse	compasso
285	27	si potrebbe	si potrebbero
288	25	$\frac{\sqrt{(d+e+l)-e\,\text{sen}(d+e+l)-l\times R}}{\text{sen}\,e\,\text{sen}\,l}$	$\frac{\sqrt{\text{sen}(\frac{1}{2}d+e+l)-e\,\text{sen}(\frac{1}{2}d+o+l)-l\times R^2}}{\text{sen}\,e\,\text{sen}\,l}$
288	31	Log. sen = 9. 78952	Log. Sen = 9. 78052
289	4	dell'oggetto B	dell'oggetto O
Id	7	8 r. 13	8^{or}. 13 dol mattioo
296	7	in A′	in A e eosi per la stessa lettera A′, ripetuta in prosieguo
299	22	dato	dato; o ció a prescindere da quello eho si è avvertito col n°. 504
307	18	il sole al	il sole col
308	21	ehe se il sole	eho preso le due altezze dallo stesso lato, come si suppone nella fig. 56, se il sole
310	ult.	ZSP = 42°. 19′. 36	Som = ZSP = 133°. 15′. 40″. Vedi n°. 914 part. 2; e la nota alla pag. 317. N. B. Con ZSP cosi eorretto si dovrebbe portare a termiao il resto della calcolazioae
311	28	si verifica	si verifica, cioè quello in eui potrebbe essere ZSP = ZSS′—PSS′,

316	29	sen ZS: sen ZSP	: : sen ZS : sen ZPS
317	9	9. 86329	9. 86529
325	21	osservata	osservate
Id.	22	stimata	stimate
329	ult.	Log. di 49. 14 — = + 1.69142	Som: — Log. 49. 14 = 1. 69142
330	4	Log. di 193 = 2. 98556	Log. 193 = 2. 28556
333	ult.	comparazioni	comparazioni, numeri 901, 902
336	1a3	42 36 — 01 36 = — 42 34 64	42'.36" 1. 36 = — 42. 34, 64
Id.	27	sei altezze del sole	sei altezze del sole, si determinine-rà l'ora vera dell'altezza media
337	antip.	di 10^{or}. sul tempo	di 10^{or} sul tempo
339	11	nelle sera	nella sera
Id.	19	2^{or}. 26'. 04	2^{or}. 26'. 03"
340	13	6^{s}. 22. 42'. 22	6^{s}. 23^{or}.44'. 22"
340	13	9. 22^{or}.42'.22" = 25". 33	6. 23. 43'. 22 = 26". 33
Id.	16	4", 366 Som = 7, 374 3, 687	3",767 Som = 6, 775 3, 387
341	24	si ripelorà	si ripeterà
343	38	Gemmainato	Gemma, nato
Id.	Id.	Severinio	Severioo
344			Esempio. Si avverte che i dati noti del problema, si sono supposti a caso; e quindi l'esempio proposto servir deve per solo modello di calcolazione
347	24	11°. 6'. 36 O	11°. 06'. 37". 8 O
348	17	oppure	o in vece
349	10	idem	idem
352	32	distanza vera	distanza vera del sole dalla luna,
355	23	Nel di 7 Dicembre	Nel di 8 Dicembre
id.	29	Dic. 7 a 10^{or}. 48'. 28	Dic. 8 a 10^{or}. 48' 28" del mat.
356	3	T. M.	T. M. A. Dic. 8
Id.	32	Diff. 106°. 44', 57". 68‴	Diff. 106°. 44. 27. 15.
Id.	32	Long. della nave Id.	Long. della nave Id.

TAVOLE ASTRONOMICHE

Pag.	col.	ver.	ERRORI	CORREZIONI
9	8	40	11142.6	12142.6
14	3	4	Per li minuti della parallasse	Per li secondi della parallasse
15	Id.	Id.	Idem	Idem
16	Id.	Id.	Idem	Idem
28	11	46	632	622
41		4	Declinazione della stessa denominazione della latitudine	Declinazione di specie diversa della latitudine
42		1	TAV. XVI.	TAV. XVII.